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August 1990
Labour Force

South Australia

Catalogue No. 6201.4

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For other general inquiries, including requests for copies of publications, contact the Information Officer on Adelaide (08 237 7123) or call at the ABS, 47 Currie Street, or write to the **EMBARGOED UNTIL 11.00 A.M. 10 OCTOBER 1990**

STATISTICS (08 237 7123) for the latest information on the Consumer Price Index, Unemployment and Average Weekly Earnings.

DISCOVERY key 76566 for selected economic, social and demographic statistics.

LABOUR FORCE SOUTH AUSTRALIA

AUGUST 1990

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LABOUR FORCE SOUTH AUSTRALIA

AUGUST 1990

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INQUIRIES

- For more information about these statistics, and the availability of **related unpublished statistics**, contact Geoff Colton on Adelaide (08) 237 7438.
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AVAILABILITY OF UNPUBLISHED STATISTICS

The ABS offers a range of unpublished statistics from the Labour Force Survey. This information may be made available in the following forms: computer printout; microfiche; or on floppy disk. Generally, a charge is made for providing unpublished statistics.

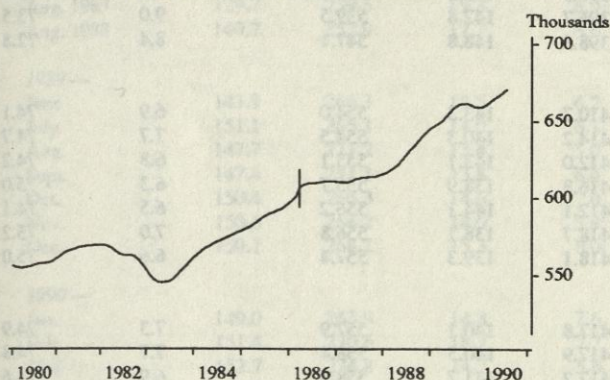
Any queries regarding the availability of unpublished statistics should be directed to Geoff Colton on (08) 237 7438.

MAIN FEATURES

NOTE: Care should be taken in the interpretation of month-to-month movements in the original and seasonally adjusted data. See paragraphs 21 and 27 to 30 of the Explanatory Notes (Appendix B). Readers are advised that the last six months' trend estimates are provisional, and could change when data for future months are available - see paragraphs 31 to 33 of the Explanatory Notes (Appendix B) for further details.

Trend estimates of the labour force have grown by 9,600 (1.3 per cent) over the 3 months to August 1990 and by 16,800 since January 1990, the most recent trough.

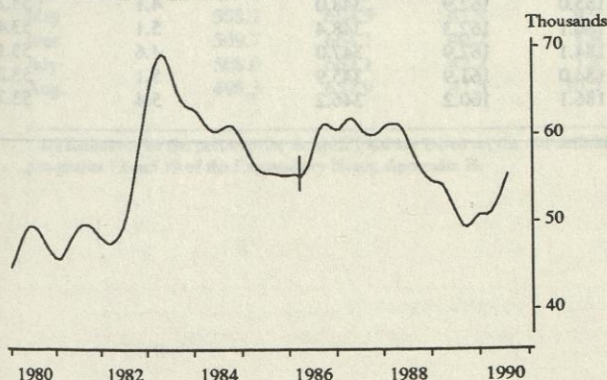
EMPLOYED PERSONS: TREND SERIES



Indicates a change in definition - see paragraphs 15 and 16 of the Explanatory Notes, Appendix B, for further details.

- Similarly, trend estimates over the last 3 months of persons employed have grown by 6,000 (0.9 per cent), continuing the uptrend established since January 1990, again the most recent trough. Over the 6 months to August 1990, female employment increased by 5,600 (2.1 per cent) while male employment increased by 6,100 (1.6 per cent).
- Original data for the 6 months to August 1990 shows employed persons increased by only 1,600 (0.2 per cent) and by only 2,500 (0.4 per cent) over the 12 months to August 1990. This latter increase was made up of a fall in full-time employment of 2,800 (0.6 per cent) and an increase in part-time employment of 5,200 (3.4 per cent).
- Over the year, a decrease in manufacturing employment of 8,100 (6.8 per cent) was largely offset by an increase of 7,100 (17.6 per cent) in the recreation, personal and other services industry.

UNEMPLOYED PERSONS: TREND SERIES



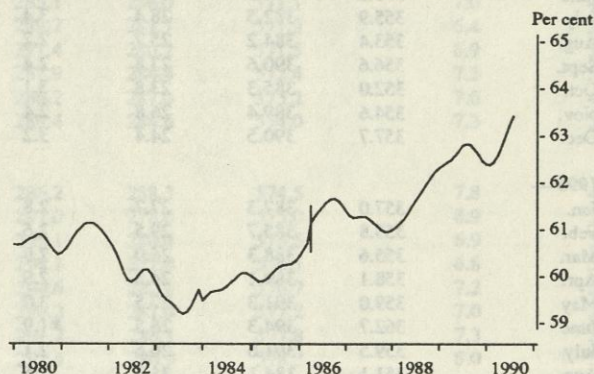
Indicates a change in definition - see paragraphs 15 and 16 of the Explanatory Notes, Appendix B, for further details.

- Trend estimates of persons unemployed show an increase over the last 3 months of 3,600 (7.0 per cent)

and an increase of 6,200 from the most recent trough in October 1989.

- In seasonally adjusted terms, unemployment stood at 59,300 in August 1990, up by 12,000 (25.4 per cent) over the last 12 months. Thus the unemployment rate has risen from 6.6 per cent in August 1989 to 8.2 per cent in August 1990.

PARTICIPATION RATE: TREND SERIES



Indicates a change in definition - see paragraphs 15 and 16 of the Explanatory Notes, Appendix B, for further details.

- The trend in the participation rate levelled out for the months of December 1989 to March 1990 at 62.3 per cent but has since climbed to 63.3 per cent in August 1990, the highest since the commencement of trend estimates in February 1978. For females, the participation rate rose to the highest level recorded by the survey and to a trend estimate of 51.4 per cent in August 1990.

Regions of South Australia

- Original data shows that full-time employment in the Adelaide Statistical Division fell by 5,800 (1.6 per cent) over the year to August 1990, while part-time employment increased by 1,900 (1.7 per cent). In the Balance of South Australia, full-time employment increased by 2,900 (2.2 per cent), while part-time employment increased by 3,500 (8.0 per cent).
- Within the Adelaide Statistical Division, unemployment rates for August 1990 varied from 5.4 per cent in Eastern Adelaide to 11.1 per cent in Western Adelaide. Participation rates also varied widely, from 60.0 per cent in Eastern Adelaide to 65.6 per cent in Northern Adelaide. For the Division as a whole, the unemployment rate was 8.1 per cent and the participation rate 61.8 per cent.
- In the Balance of South Australia, Northern and Western South Australia recorded an unemployment rate of 8.6 per cent and a participation rate of 60.9 per cent. By comparison, the unemployment rate in Southern and Eastern South Australia was 7.6 per cent, while the participation rate was 68.9 per cent, the highest level recorded by the survey for this region. The female participation rate for the region was 57.5 per cent, also the highest recorded by the survey.

TABLE 1 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
SOUTH AUSTRALIA

Month	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population 15 years & over	Unemployment rate per cent	Participation rate per cent
	Full- time workers	Total	Looking for							
			Full-time work	Part-time work						
	'000	'000	'000	'000	'000	'000	'000	'000		
MALES										
Aug. 1983	317.8	335.4	38.5	2.3	40.8	376.2	128.3	504.5	10.8	74.6
Aug. 1984	328.4	348.8	34.0	2.0	36.0	384.9	131.1	516.0	9.4	74.6
Aug. 1985	328.1	350.0	31.8	1.9	33.7	383.7	139.8	523.5	8.8	73.3
Aug. 1986 (a)	334.5	358.3	32.4	2.2	34.6	392.9	139.3	532.1	8.8	73.8
Aug. 1987	334.7	360.9	33.4	2.4	35.8	396.7	142.8	539.5	9.0	73.5
Aug. 1988	339.2	364.9	31.9	*1.4	33.3	398.3	148.8	547.1	8.4	72.8
1989 —										
June	351.5	382.2	26.7	*1.8	28.5	410.7	143.3	554.0	6.9	74.1
July	355.9	382.5	28.4	3.4	31.7	414.2	140.3	554.5	7.7	74.7
Aug.	353.4	384.2	25.7	2.2	27.8	412.0	143.1	555.1	6.8	74.2
Sept.	356.6	390.6	23.8	2.4	26.2	416.8	138.9	555.7	6.3	75.0
Oct.	352.0	385.3	23.8	3.1	26.9	412.1	144.1	556.2	6.5	74.1
Nov.	354.6	389.4	26.8	2.4	29.3	418.7	138.1	556.8	7.0	75.2
Dec.	357.7	390.5	24.4	3.2	27.6	418.1	139.3	557.4	6.6	75.0
1990 —										
Jan.	357.0	387.3	27.7	2.8	30.5	417.8	140.1	557.9	7.3	74.9
Feb.	355.8	385.7	29.5	2.6	32.2	417.9	140.5	558.4	7.7	74.8
Mar.	355.6	388.3	26.0	2.9	28.9	417.2	141.7	558.9	6.9	74.6
Apr.	358.1	389.1	24.5	2.9	27.4	416.5	143.0	559.5	6.6	74.4
May	359.0	391.3	27.5	3.0	30.5	421.8	138.4	560.2	7.2	75.3
June	362.7	394.3	26.5	*1.9	28.4	422.7	138.1	560.8	6.7	75.4
July	359.5	391.6	26.6	2.1	28.8	420.4	140.9	561.3	6.8	74.9
Aug.	351.1	384.1	31.7	2.6	34.3	418.5	143.4	561.9	8.2	74.5
MARRIED FEMALES (b)										
Aug. 1983	58.8	123.8	5.9	2.5	8.5	132.3	197.0	329.3	6.4	40.2
Aug. 1984	62.2	130.9	4.6	3.3	7.9	138.8	193.0	331.8	5.7	41.8
Aug. 1985	64.8	136.4	5.2	3.2	8.3	144.8	179.4	324.2	5.8	44.7
Aug. 1986 (a)	67.8	146.7	4.1	3.5	7.6	154.4	176.6	331.0	4.9	46.6
Aug. 1987	71.6	154.4	5.6	4.1	9.7	164.1	169.5	333.6	5.9	49.2
Aug. 1988	77.7	160.6	6.3	3.0	9.3	169.8	167.3	337.1	5.4	50.4
1989 —										
June	79.4	170.4	5.2	3.2	8.4	178.8	166.7	345.5	4.7	51.8
July	84.6	169.0	4.5	2.7	7.2	176.2	166.1	342.3	4.1	51.5
Aug.	82.8	174.7	4.7	2.3	7.0	181.7	162.7	344.4	3.8	52.8
Sept.	83.5	175.3	4.3	2.7	7.1	182.3	158.0	340.3	3.9	53.6
Oct.	83.3	169.5	5.0	3.0	8.1	177.6	164.9	342.5	4.5	51.8
Nov.	87.1	170.9	4.4	2.5	6.9	177.8	166.2	344.0	3.9	51.7
Dec.	85.5	170.6	5.0	3.1	8.2	178.7	170.0	348.8	4.6	51.2
1990 —										
Jan.	84.2	167.0	5.1	4.3	9.4	176.4	173.1	349.5	5.3	50.5
Feb.	87.9	174.7	6.5	4.6	11.1	185.8	162.4	348.2	6.0	53.4
Mar.	89.2	177.2	5.7	3.3	8.9	186.1	159.5	345.6	4.8	53.8
Apr.	88.3	177.4	3.8	3.7	7.6	185.0	162.9	348.0	4.1	53.2
May	86.0	176.6	5.6	4.0	9.5	186.1	162.3	348.4	5.1	53.4
June	84.5	175.6	4.8	3.7	8.5	184.1	162.9	347.0	4.6	53.1
July	85.8	174.6	6.3	3.1	9.4	184.0	161.9	345.9	5.1	53.2
Aug.	84.1	176.1	6.2	3.8	10.0	186.1	160.2	346.2	5.4	53.7

TABLE 1 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
SOUTH AUSTRALIA —continued

Month	Employed		Unemployed			Labour force '000	Not in labour force '000	Civilian population 15 years & over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for							
			Full-time work '000	Part-time work '000						
ALL FEMALES										
Aug. 1983	116.5	202.5	18.8	4.3	23.1	225.6	301.3	527.0	10.3	42.8
Aug. 1984	121.3	214.7	18.5	4.6	23.1	237.8	298.6	536.4	9.7	44.3
Aug. 1985	128.7	223.9	15.9	4.8	20.7	244.6	298.3	542.9	8.5	45.1
Aug. 1986 (a)	133.1	238.6	16.9	5.4	22.3	260.9	288.9	549.8	8.6	47.5
Aug. 1987	129.7	239.5	19.3	6.9	26.2	265.7	291.2	556.9	9.9	47.7
Aug. 1988	140.7	252.9	17.7	6.6	24.2	277.2	287.3	564.5	8.7	49.1
1989 —										
June	143.9	266.3	14.5	6.2	20.8	287.1	283.9	570.9	7.2	50.3
July	151.1	265.1	14.0	6.1	20.1	285.1	286.0	571.1	7.0	49.9
Aug.	147.7	271.2	13.4	5.0	18.4	289.7	281.7	571.3	6.4	50.7
Sept.	147.4	271.1	13.8	6.4	20.2	291.4	280.2	571.5	6.9	51.0
Oct.	150.4	266.3	14.6	7.0	21.6	287.9	284.4	572.4	7.5	50.3
Nov.	150.6	266.2	14.0	5.9	20.0	286.2	287.0	573.2	7.0	49.9
Dec.	150.1	268.2	15.3	6.0	21.2	289.4	284.6	574.0	7.3	50.4
1990 —										
Jan.	149.0	263.9	14.8	7.6	22.4	286.2	288.3	574.5	7.8	49.8
Feb.	151.4	270.6	18.7	7.7	26.4	297.0	278.0	575.0	8.9	51.7
Mar.	152.7	274.8	14.7	5.6	20.3	295.1	280.4	575.5	6.9	51.3
Apr.	151.0	274.1	13.6	6.4	20.0	294.1	282.0	576.1	6.8	51.0
May	149.2	273.2	14.3	7.0	21.3	294.6	282.1	576.7	7.2	51.1
June	147.0	269.8	13.7	6.7	20.4	290.2	287.0	577.2	7.0	50.3
July	148.4	270.5	15.6	5.6	21.2	291.7	286.1	577.8	7.3	50.5
Aug.	147.2	273.8	15.8	7.8	23.7	297.4	280.9	578.3	8.0	51.4
PERSONS										
Aug. 1983	434.3	537.9	57.3	6.6	63.9	601.8	429.7	1,031.5	10.6	58.3
Aug. 1984	449.7	563.6	52.5	6.6	59.1	622.7	429.7	1,052.4	9.5	59.2
Aug. 1985	456.8	573.9	47.7	6.7	54.4	628.3	438.0	1,066.4	8.7	58.9
Aug. 1986 (a)	467.7	596.9	49.2	7.7	56.9	653.8	428.1	1,081.9	8.7	60.4
Aug. 1987	464.4	600.4	52.7	9.3	62.1	662.4	434.0	1,096.4	9.4	60.4
Aug. 1988	479.9	617.9	49.6	8.0	57.6	675.4	436.1	1,111.6	8.5	60.8
1989 —										
June	495.4	648.5	41.2	8.1	49.3	697.8	427.1	1,124.9	7.1	62.0
July	507.0	647.5	42.4	9.4	51.8	699.4	426.3	1,125.7	7.4	62.1
Aug.	501.1	655.4	39.1	7.2	46.3	701.7	424.7	1,126.4	6.6	62.3
Sept.	503.9	661.8	37.6	8.8	46.4	708.2	419.1	1,127.2	6.6	62.8
Oct.	502.3	651.6	38.4	10.1	48.4	700.1	428.6	1,128.6	6.9	62.0
Nov.	505.1	655.6	40.9	8.4	49.3	704.9	425.1	1,130.0	7.0	62.4
Dec.	507.7	658.7	39.7	9.2	48.8	707.5	423.9	1,131.4	6.9	62.5
1990 —										
Jan.	506.0	651.1	42.5	10.4	52.9	704.1	428.3	1,132.4	7.5	62.2
Feb.	507.2	656.3	48.2	10.4	58.6	714.9	418.5	1,133.4	8.2	63.1
Mar.	508.3	663.1	40.7	8.5	49.2	712.3	422.2	1,134.4	6.9	62.8
Apr.	509.1	663.2	38.1	9.3	47.4	710.6	425.0	1,135.6	6.7	62.6
May	508.2	664.5	41.9	9.9	51.8	716.3	420.5	1,136.8	7.2	63.0
June	509.7	664.1	40.2	8.6	48.8	712.9	425.1	1,138.0	6.8	62.6
July	508.0	662.1	42.2	7.8	50.0	712.1	427.0	1,139.1	7.0	62.5
Aug.	498.3	657.9	47.5	10.5	58.0	715.9	424.3	1,140.2	8.1	62.8

(a) Estimates for the period prior to April 1986 are based on the old definition of employed persons. See paragraphs 14 to 16 of the Explanatory Notes, Appendix B. (b) See paragraphs 18 and 19 of the Explanatory Notes, Appendix B.

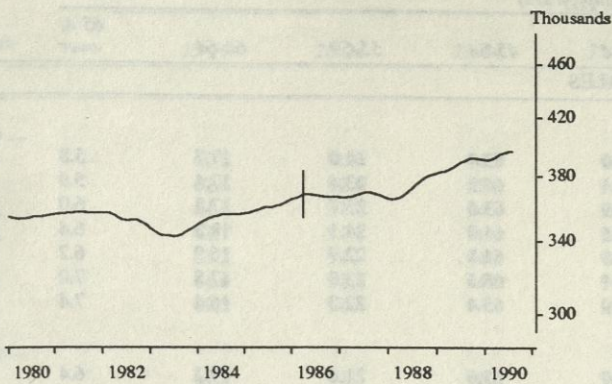
TABLE 2 — CIVILIAN LABOUR FORCE : SEASONALLY ADJUSTED AND TREND SERIES (a), SOUTH AUSTRALIA

Month	Employed		Unemployed		Labour force		Unemployment rate		Participation rate	
	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend
	'000	'000	'000	'000	'000	'000	per cent	per cent	per cent	per cent
MALES										
1989 —										
June	382.8	383.7	30.0	31.1	412.8	414.7	7.3	7.5	74.5	74.9
July	383.9	385.2	32.2	30.1	416.2	415.2	7.7	7.2	75.0	74.9
Aug.	389.1	386.5	28.0	29.0	417.2	415.6	6.7	7.0	75.1	74.9
Sept.	389.0	387.6	25.1	28.1	414.1	415.7	6.1	6.8	74.5	74.8
Oct.	385.8	388.1	28.0	27.7	413.8	415.8	6.8	6.7	74.4	74.8
Nov.	388.6	387.9	30.7	27.8	419.3	415.7	7.3	6.7	75.3	74.7
Dec.	387.1	387.3	26.9	28.1	414.1	415.4	6.5	6.8	74.3	74.5
1990 —										
Jan.	389.7	386.8	27.0	28.6	416.7	415.3	6.5	6.9	74.7	74.4
Feb.	384.2	386.9	30.6	28.9	414.7	415.9	7.4	7.0	74.3	74.5
Mar.	385.7	387.9	29.5	29.2	415.2	417.1	7.1	7.0	74.3	74.6
Apr.	387.8	389.2	28.4	29.6	416.2	418.8	6.8	7.1	74.4	74.8
May	392.7	390.6	31.6	30.1	424.2	420.7	7.4	7.2	75.7	75.1
June	394.9	391.7	29.9	30.7	424.8	422.4	7.0	7.3	75.8	75.3
July	393.1	392.4	29.2	31.3	422.3	423.7	6.9	7.4	75.2	75.5
Aug.	389.0	393.0	34.7	31.8	423.7	424.8	8.2	7.5	75.4	75.6
FEMALES										
1989 —										
June	265.3	268.2	21.6	20.7	286.8	288.9	7.5	7.2	50.2	50.6
July	267.8	269.5	21.2	20.7	289.0	290.1	7.3	7.1	50.6	50.8
Aug.	275.4	270.2	19.3	20.7	294.6	290.8	6.5	7.1	51.6	50.9
Sept.	272.4	270.2	20.0	20.8	292.4	291.0	6.8	7.1	51.2	50.9
Oct.	269.0	269.7	21.5	21.0	290.5	290.7	7.4	7.2	50.8	50.8
Nov.	266.8	268.9	22.1	21.4	288.9	290.3	7.7	7.4	50.4	50.6
Dec.	264.5	268.3	20.9	21.6	285.5	290.0	7.3	7.5	49.7	50.5
1990 —										
Jan.	270.1	268.3	22.0	21.6	292.1	289.9	7.5	7.4	50.8	50.5
Feb.	271.7	268.6	23.6	21.3	295.3	289.9	8.0	7.3	51.4	50.4
Mar.	268.5	269.2	18.6	20.9	287.1	290.1	6.5	7.2	49.9	50.4
Apr.	269.4	269.8	20.2	20.9	289.6	290.7	7.0	7.2	50.3	50.5
May	270.2	270.5	21.7	21.2	291.9	291.7	7.4	7.3	50.6	50.6
June	268.7	271.5	21.2	21.7	289.9	293.3	7.3	7.4	50.2	50.8
July	273.4	272.8	22.4	22.4	295.8	295.2	7.6	7.6	51.2	51.1
Aug.	277.9	274.2	24.7	23.1	302.6	297.2	8.2	7.8	52.3	51.4
PERSONS										
1989 —										
June	648.1	651.8	51.6	51.8	699.6	703.6	7.4	7.4	62.2	62.6
July	651.7	654.6	53.5	50.7	705.2	705.4	7.6	7.2	62.6	62.7
Aug.	664.5	656.7	47.3	49.7	711.8	706.4	6.6	7.0	63.2	62.7
Sept.	661.4	657.8	45.1	48.9	706.5	706.7	6.4	6.9	62.7	62.7
Oct.	654.8	657.8	49.5	48.7	704.3	706.5	7.0	6.9	62.4	62.6
Nov.	655.4	656.8	52.8	49.1	708.2	705.9	7.5	7.0	62.7	62.5
Dec.	651.7	655.6	47.9	49.7	699.5	705.4	6.8	7.1	61.8	62.3
1990 —										
Jan.	659.8	655.0	49.0	50.2	708.8	705.2	6.9	7.1	62.6	62.3
Feb.	655.9	655.5	54.2	50.2	710.1	705.7	7.6	7.1	62.6	62.3
Mar.	654.2	657.0	48.1	50.2	702.3	707.2	6.8	7.1	61.9	62.3
Apr.	657.2	658.9	48.6	50.5	705.7	709.4	6.9	7.1	62.1	62.5
May	662.8	661.1	53.3	51.3	716.1	712.4	7.4	7.2	63.0	62.7
June	663.7	663.2	51.1	52.4	714.8	715.7	7.1	7.3	62.8	62.9
July	666.5	665.2	51.6	53.7	718.1	718.9	7.2	7.5	63.0	63.1
Aug.	666.9	667.1	59.3	54.9	726.3	722.0	8.2	7.6	63.7	63.3

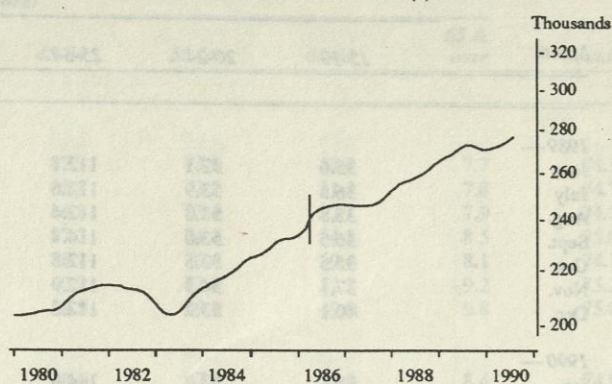
(a) Trend series data for the most recent months have been revised. See paragraphs 32 to 34 of the Explanatory Notes, Appendix B.

TREND SERIES, SOUTH AUSTRALIA

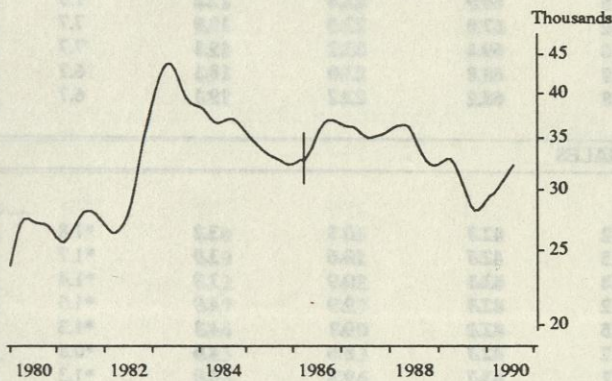
EMPLOYED MALES (a)



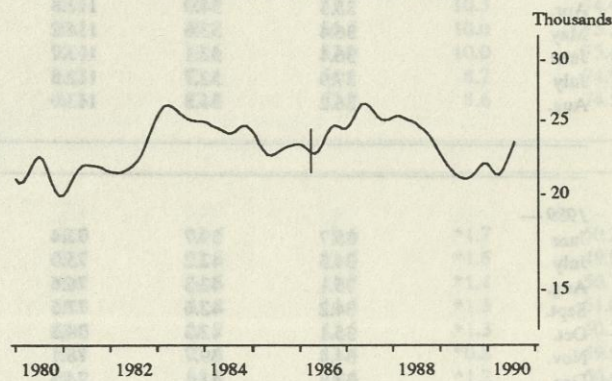
EMPLOYED FEMALES (a)



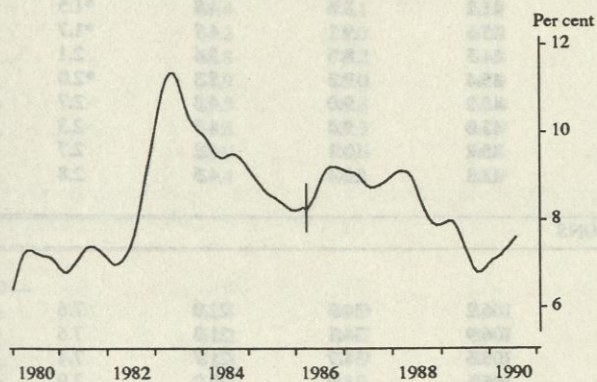
UNEMPLOYED MALES (a)



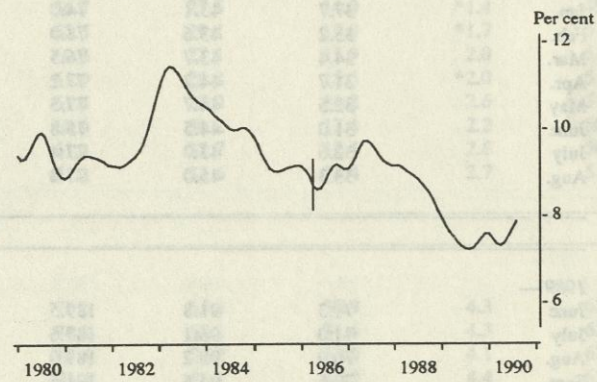
UNEMPLOYED FEMALES (a)



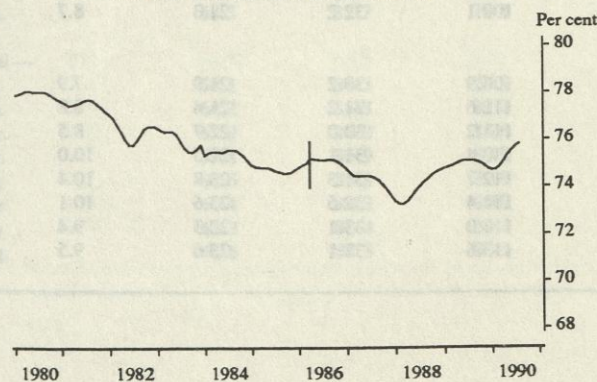
MALE UNEMPLOYMENT RATE



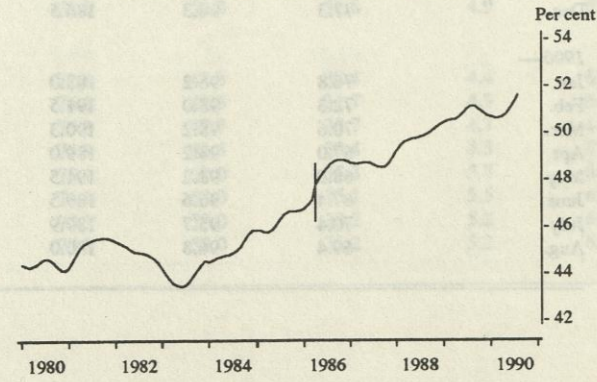
FEMALE UNEMPLOYMENT RATE



MALE PARTICIPATION RATE



FEMALE PARTICIPATION RATE



(a) These graphs have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change in series of differing magnitude.
 | Indicates a change in definition - see paragraphs 15 and 16 of the Explanatory Notes, Appendix B, for further details.

TABLE 3 — CIVILIAN LABOUR FORCE : AGE GROUP, SOUTH AUSTRALIA
(^{'000})

Age group (years)									
Month	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 & over	Total
MALES									
1989 —									
June	35.6	52.1	112.1	100.0	63.4	24.0	17.7	5.8	410.7
July	36.5	53.9	112.6	100.4	64.2	23.4	17.4	5.9	414.2
Aug.	35.8	53.0	112.4	99.9	63.5	23.7	17.8	6.0	412.0
Sept.	36.5	53.0	114.1	100.5	64.0	24.1	18.3	6.4	416.8
Oct.	35.5	53.5	112.8	99.8	64.8	22.7	16.9	6.2	412.1
Nov.	37.1	54.3	112.9	100.1	66.5	23.3	17.5	7.0	418.7
Dec.	40.1	53.2	112.2	100.9	65.4	22.3	16.4	7.4	418.1
1990 —									
Jan.	39.1	53.2	114.0	100.7	65.6	21.6	17.1	6.4	417.8
Feb.	37.0	54.4	113.4	100.2	67.0	22.1	16.7	7.0	417.9
Mar.	36.2	54.5	113.8	100.7	66.7	21.6	17.3	6.4	417.2
Apr.	35.3	54.0	111.8	101.5	66.9	21.8	17.2	7.9	416.5
May	36.4	53.6	114.2	101.2	67.5	22.3	18.9	7.7	421.8
June	36.4	52.1	113.7	101.0	69.4	23.2	19.1	7.7	422.7
July	37.9	52.7	112.5	100.7	68.8	23.0	18.1	6.7	420.4
Aug.	36.2	51.8	113.0	100.8	68.2	22.7	19.1	6.7	418.5
FEMALES									
1989 —									
June	35.7	39.7	77.4	76.2	42.7	10.3	3.2	*1.8	287.1
July	34.5	42.2	75.0	74.5	42.7	10.6	3.9	*1.7	285.1
Aug.	35.1	42.3	76.6	76.4	43.1	10.9	3.9	*1.4	289.7
Sept.	34.2	42.6	77.5	78.2	42.7	9.9	4.9	*1.5	291.4
Oct.	35.1	42.3	78.3	75.5	42.2	9.1	4.3	*1.3	287.9
Nov.	34.4	39.7	78.1	77.2	42.7	8.6	4.6	*0.8	286.2
Dec.	37.3	41.1	74.3	77.1	43.7	9.8	4.9	*1.3	289.4
1990 —									
Jan.	37.7	43.1	74.0	75.5	41.2	8.6	4.8	*1.5	286.2
Feb.	35.2	43.6	78.0	79.0	45.6	9.1	4.7	*1.7	297.0
Mar.	34.4	43.7	76.5	80.0	44.5	8.5	5.4	2.1	295.1
Apr.	31.7	44.2	77.2	79.0	45.4	9.3	5.3	*2.0	294.1
May	32.5	44.7	77.3	78.4	45.2	9.0	4.8	2.7	294.6
June	31.0	44.5	75.8	77.8	45.0	9.4	4.5	2.3	290.2
July	32.6	43.0	77.4	76.5	45.2	10.1	4.2	2.7	291.7
Aug.	33.3	45.0	77.0	79.1	45.3	10.4	4.5	2.8	297.4
PERSONS									
1989 —									
June	71.3	91.8	189.5	176.1	106.2	34.3	21.0	7.6	697.8
July	71.0	96.1	187.6	174.9	106.9	34.1	21.3	7.6	699.4
Aug.	70.9	95.2	189.0	176.3	106.6	34.7	21.7	7.4	701.7
Sept.	70.6	95.6	191.6	178.6	106.6	33.9	23.2	7.9	708.2
Oct.	70.6	95.7	191.0	175.3	107.0	31.7	21.1	7.5	700.1
Nov.	71.5	94.0	191.0	177.4	109.2	31.9	22.1	7.8	704.9
Dec.	77.3	94.3	186.5	178.0	109.1	32.2	21.3	8.7	707.5
1990 —									
Jan.	76.8	96.2	188.0	176.2	106.9	30.2	21.9	7.9	704.1
Feb.	72.3	98.0	191.5	179.2	112.6	31.2	21.4	8.8	714.9
Mar.	70.6	98.2	190.3	180.7	111.2	30.0	22.7	8.5	712.3
Apr.	67.0	98.2	189.0	180.5	112.4	31.1	22.5	10.0	710.6
May	68.9	98.2	191.5	179.6	112.7	31.3	23.8	10.4	716.3
June	67.4	96.6	189.5	178.8	114.4	32.5	23.6	10.1	712.9
July	70.4	95.7	189.9	177.3	114.0	33.1	22.3	9.4	712.1
Aug.	69.4	96.8	190.0	179.9	113.6	33.1	23.6	9.5	715.9

TABLE 4 — CIVILIAN LABOUR FORCE : PARTICIPATION RATES BY AGE GROUP, SOUTH AUSTRALIA
(Per cent)

	Age group (years)								
Month	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 & over	Total
MALES									
1989—									
June	60.8	90.0	94.8	94.9	87.3	73.6	52.8	7.7	74.1
July	62.6	92.9	95.0	95.2	88.1	72.2	51.8	7.8	74.7
Aug.	61.4	91.2	94.7	94.5	86.8	73.4	53.1	7.9	74.2
Sept.	62.7	91.2	96.0	94.9	87.3	74.6	54.5	8.5	75.0
Oct.	61.3	91.9	94.8	94.1	88.1	70.4	50.4	8.1	74.1
Nov.	64.0	93.2	94.8	94.3	90.2	72.6	52.2	9.2	75.2
Dec.	69.3	91.4	94.1	94.8	88.5	69.8	49.0	9.8	75.0
1990—									
Jan.	67.8	91.3	95.5	94.5	88.6	67.8	51.0	8.4	74.9
Feb.	64.3	93.3	94.9	93.8	90.2	69.6	49.7	9.2	74.8
Mar.	62.9	93.4	95.0	94.1	89.5	68.1	51.7	8.4	74.6
Apr.	61.5	92.4	93.3	94.7	89.6	69.0	51.4	10.3	74.4
May	63.6	91.5	95.2	94.2	90.1	70.7	56.5	10.0	75.3
June	63.8	89.0	94.6	93.8	92.4	73.6	57.0	10.0	75.4
July	66.5	89.8	93.5	93.4	91.3	73.1	54.1	8.7	74.9
Aug.	63.7	88.3	93.9	93.3	90.3	72.0	57.2	8.6	74.5
FEMALES									
1989—									
June	64.0	71.5	67.0	72.7	60.0	32.6	9.4	*1.7	50.3
July	61.9	76.1	65.1	71.0	59.7	33.5	11.4	*1.6	49.9
Aug.	63.2	76.2	66.5	72.8	60.1	34.6	11.2	*1.4	50.7
Sept.	61.7	76.7	67.3	74.4	59.3	31.2	14.4	*1.5	51.0
Oct.	63.4	76.0	67.8	71.6	58.6	28.7	12.5	*1.3	50.3
Nov.	62.3	71.3	67.5	73.2	59.1	27.4	13.4	*0.8	49.9
Dec.	67.6	73.6	64.1	72.8	60.2	31.3	14.4	*1.2	50.4
1990—									
Jan.	68.4	77.1	63.7	71.2	56.7	27.5	14.0	*1.4	49.8
Feb.	64.2	78.0	67.2	74.4	62.5	29.1	13.9	*1.7	51.7
Mar.	62.8	78.2	65.8	75.2	60.8	27.1	15.9	2.0	51.3
Apr.	57.9	79.0	66.3	74.1	61.9	29.8	15.5	*2.0	51.0
May	59.5	79.8	66.3	73.4	61.4	29.0	14.2	2.6	51.1
June	56.8	79.3	64.9	72.8	60.9	30.2	13.4	2.2	50.3
July	59.9	76.6	66.3	71.4	61.1	32.7	12.4	2.6	50.5
Aug.	61.4	80.1	65.9	73.7	61.1	33.6	13.4	2.7	51.4
PERSONS									
1989—									
June	62.4	80.9	81.1	83.8	73.8	53.3	30.9	4.3	62.0
July	62.2	84.7	80.2	83.1	74.0	53.1	31.4	4.3	62.1
Aug.	62.3	83.9	80.8	83.7	73.6	54.2	32.0	4.1	62.3
Sept.	62.2	84.1	81.9	84.7	73.4	53.1	34.3	4.4	62.8
Oct.	62.3	84.1	81.5	82.9	73.5	49.8	31.2	4.2	62.0
Nov.	63.2	82.5	81.3	83.7	74.8	50.2	32.6	4.4	62.4
Dec.	68.5	82.7	79.3	83.9	74.5	50.7	31.6	4.9	62.5
1990—									
Jan.	68.1	84.3	79.8	82.9	72.8	47.8	32.4	4.4	62.2
Feb.	64.2	85.8	81.2	84.1	76.5	49.5	31.7	4.9	63.1
Mar.	62.9	86.0	80.6	84.7	75.3	47.7	33.7	4.7	62.8
Apr.	59.8	85.9	80.0	84.4	75.9	49.5	33.4	5.5	62.6
May	61.6	85.8	80.9	83.8	75.9	50.0	35.3	5.7	63.0
June	60.4	84.3	80.0	83.3	76.8	52.0	35.1	5.5	62.6
July	63.3	83.4	80.1	82.4	76.3	53.0	33.2	5.2	62.5
Aug.	62.6	84.3	80.1	83.5	75.8	53.0	35.2	5.2	62.8

TABLE 5 — EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA ('000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
15-19 YEARS									
1989 —									
June	22.9	14.8	37.7	8.1	14.7	22.8	31.0	29.5	60.6
July	23.5	15.5	39.0	6.7	13.3	20.0	30.2	28.8	59.0
Aug.	22.0	14.3	36.3	8.9	14.8	23.7	30.9	29.1	59.9
Sept.	22.2	13.2	35.4	10.2	14.1	24.2	32.4	27.2	59.6
Oct.	22.0	14.0	36.0	9.3	13.9	23.2	31.3	27.9	59.2
Nov.	22.0	12.9	34.9	10.1	15.9	26.0	32.1	28.8	60.9
Dec.	24.3	14.4	38.7	10.2	16.3	26.5	34.6	30.7	65.3
1990 —									
Jan.	24.9	14.6	39.6	9.0	17.0	25.9	33.9	31.6	65.5
Feb.	21.6	13.4	35.1	9.1	14.9	24.0	30.7	28.4	59.1
Mar.	21.1	14.0	35.1	9.9	15.1	25.0	31.0	29.1	60.1
Apr.	20.5	14.9	35.3	9.1	11.3	20.4	29.6	26.1	55.7
May	20.2	12.5	32.7	10.2	13.4	23.6	30.4	26.0	56.3
June	21.0	11.9	32.9	10.4	13.0	23.4	31.4	24.9	56.3
July	22.1	12.6	34.7	10.7	14.1	24.8	32.9	26.7	59.5
Aug.	19.7	12.0	31.7	10.5	15.2	25.7	30.2	27.2	57.4
20-24 YEARS									
1989 —									
June	42.7	29.5	72.2	3.7	7.6	11.3	46.4	37.1	83.5
July	45.0	29.7	74.6	3.4	8.6	12.0	48.4	38.3	86.7
Aug.	44.7	30.2	74.9	3.5	8.7	12.1	48.2	38.9	87.1
Sept.	44.4	28.5	73.0	4.3	9.5	13.9	48.8	38.1	86.8
Oct.	43.3	29.8	73.2	4.9	8.0	12.9	48.2	37.9	86.1
Nov.	42.7	29.4	72.1	5.4	7.3	12.7	48.0	36.8	84.8
Dec.	43.3	29.3	72.6	3.5	7.9	11.4	46.8	37.2	84.0
1990 —									
Jan.	42.4	28.7	71.1	4.6	9.3	14.0	47.0	38.0	85.1
Feb.	43.4	29.8	73.2	3.9	9.0	12.9	47.2	38.8	86.1
Mar.	42.2	29.0	71.2	5.5	10.0	15.6	47.8	39.0	86.8
Apr.	43.0	30.3	73.3	5.3	9.9	15.3	48.4	40.2	88.6
May	40.6	31.1	71.7	6.6	9.9	16.5	47.2	41.0	88.2
June	38.9	30.3	69.2	6.6	10.5	17.0	45.5	40.8	86.3
July	42.2	31.0	73.2	4.6	8.2	12.8	46.8	39.2	86.0
Aug.	38.3	30.5	68.9	5.5	9.2	14.7	43.8	39.7	83.5
25-34 YEARS									
1989 —									
June	98.7	39.8	138.5	5.4	32.5	37.9	104.1	72.3	176.4
July	100.6	40.4	140.9	4.1	30.4	34.5	104.6	70.8	175.4
Aug.	100.1	39.0	139.2	3.8	33.2	37.0	104.0	72.2	176.1
Sept.	101.7	41.3	143.0	4.6	32.1	36.7	106.3	73.4	179.7
Oct.	100.9	43.8	144.7	4.5	29.8	34.2	105.4	73.5	178.9
Nov.	100.4	43.9	144.3	5.1	28.9	34.0	105.5	72.8	178.3
Dec.	100.8	41.1	141.9	4.8	27.9	32.7	105.6	69.0	174.6
1990 —									
Jan.	101.0	41.3	142.3	4.4	27.0	31.4	105.4	68.3	173.7
Feb.	101.0	42.3	143.3	5.0	29.7	34.7	106.0	72.0	178.0
Mar.	100.5	42.8	143.3	5.8	29.4	35.2	106.3	72.2	178.5
Apr.	101.7	40.6	142.3	4.0	32.2	36.2	105.7	72.8	178.5
May	102.7	40.6	143.3	4.0	31.7	35.7	106.7	72.3	179.0
June	103.3	39.5	142.8	3.4	31.7	35.1	106.7	71.2	177.8
July	99.9	40.0	139.8	4.9	31.9	36.8	104.7	71.9	176.6
Aug.	98.7	39.3	138.0	4.9	31.9	36.8	103.6	71.3	174.8

TABLE 5 — EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA—continued
('000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
35-44 YEARS									
1989 —									
June	92.6	34.0	126.6	3.0	38.1	41.0	95.6	72.0	167.6
July	93.0	37.7	130.7	2.1	33.0	35.1	95.1	70.7	165.8
Aug.	92.8	37.2	130.0	2.6	36.0	38.6	95.4	73.2	168.6
Sept.	93.3	38.8	132.1	3.4	36.4	39.8	96.7	75.2	171.9
Oct.	92.9	37.5	130.4	3.3	34.9	38.2	96.2	72.4	168.6
Nov.	95.3	39.3	134.6	2.2	34.2	36.5	97.5	73.5	171.1
Dec.	95.3	39.1	134.4	2.4	35.6	38.0	97.7	74.7	172.4
1990 —									
Jan.	94.7	38.6	133.3	2.4	33.9	36.3	97.1	72.5	169.6
Feb.	93.2	38.4	131.6	2.8	36.9	39.7	96.0	75.3	171.3
Mar.	93.8	38.8	132.5	3.0	37.7	40.7	96.8	76.5	173.3
Apr.	95.1	38.2	133.2	2.8	37.7	40.5	97.8	75.9	173.7
May	95.9	36.8	132.7	*1.5	38.0	39.5	97.4	74.8	172.2
June	95.7	37.2	132.9	*2.0	37.7	39.8	97.8	75.0	172.7
July	94.8	36.7	131.5	2.6	36.6	39.3	97.4	73.4	170.8
Aug.	95.2	37.2	132.4	2.5	38.2	40.7	97.7	75.4	173.1
45-54 YEARS									
1989 —									
June	57.1	20.4	77.4	3.4	20.0	23.3	60.4	40.3	100.8
July	57.4	21.3	78.7	3.2	19.5	22.6	60.6	40.8	101.4
Aug.	57.4	20.3	77.8	3.2	21.6	24.8	60.6	42.0	102.6
Sept.	57.8	19.6	77.4	3.1	21.5	24.7	60.9	41.1	102.1
Oct.	58.5	19.6	78.1	3.6	20.7	24.3	62.1	40.3	102.4
Nov.	59.5	19.8	79.3	3.4	20.8	24.2	62.9	40.6	103.5
Dec.	59.4	20.2	79.6	3.0	20.9	23.9	62.4	41.2	103.5
1990 —									
Jan.	59.4	19.9	79.3	3.3	18.8	22.2	62.8	38.7	101.5
Feb.	61.0	21.6	82.6	2.9	20.3	23.1	63.9	41.8	105.7
Mar.	61.1	22.5	83.6	2.8	20.0	22.8	63.9	42.5	106.4
Apr.	60.9	21.4	82.4	3.0	21.2	24.2	63.9	42.6	106.5
May	62.2	22.2	84.4	2.7	21.5	24.3	65.0	43.7	108.6
June	64.8	21.5	86.3	2.5	21.2	23.7	67.4	42.7	110.0
July	63.6	21.3	84.9	2.6	21.6	24.1	66.1	42.9	109.0
Aug.	62.8	22.0	84.8	2.9	21.4	24.3	65.7	43.4	109.1
55-59 YEARS									
1989 —									
June	20.9	3.7	24.6	*1.9	6.3	8.2	22.8	10.0	32.8
July	19.8	4.4	24.2	*2.0	5.7	7.7	21.8	10.0	31.8
Aug.	20.0	4.3	24.3	2.6	6.4	9.0	22.6	10.7	33.3
Sept.	21.0	3.5	24.5	*1.8	6.4	8.2	22.9	9.9	32.7
Oct.	19.3	3.6	22.9	*2.0	5.2	7.2	21.3	8.8	30.1
Nov.	19.4	3.4	22.7	*2.1	5.1	7.2	21.5	8.5	30.0
Dec.	19.3	3.5	22.8	*2.0	6.0	8.0	21.4	9.5	30.8
1990 —									
Jan.	18.6	3.1	21.7	*1.4	5.5	6.9	20.0	8.6	28.6
Feb.	19.5	3.2	22.7	*1.1	4.8	6.0	20.6	8.0	28.7
Mar.	19.4	3.0	22.5	*1.3	5.1	6.4	20.7	8.2	28.9
Apr.	19.3	3.5	22.8	*1.7	5.6	7.3	21.0	9.1	30.1
May	19.4	3.2	22.6	*1.6	4.9	6.5	21.0	8.1	29.1
June	20.6	4.1	24.8	*1.5	4.5	6.0	22.1	8.6	30.7
July	19.9	4.6	24.5	*1.8	5.3	7.1	21.8	9.8	31.6
Aug.	19.7	3.9	23.7	*1.8	5.6	7.4	21.5	9.6	31.1

TABLE 5 — EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS BY AGE GROUP, SOUTH AUSTRALIA—continued
(‘000)

Month	Full-time			Part-time			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
60-64 YEARS									
1989 —									
June	13.5	*1.2	14.7	2.6	*2.1	4.6	16.1	3.2	19.3
July	13.3	*1.8	15.2	2.9	*2.1	5.0	16.2	3.9	20.1
Aug.	13.5	*1.9	15.4	3.2	*1.9	5.2	16.7	3.9	20.6
Sept.	13.2	*1.7	14.9	3.2	3.1	6.3	16.4	4.8	21.2
Oct.	12.0	*1.8	13.8	2.6	2.5	5.1	14.6	4.3	18.9
Nov.	12.4	*1.6	14.0	2.7	2.9	5.6	15.1	4.4	19.6
Dec.	12.2	2.1	14.3	2.7	2.5	5.2	14.9	4.7	19.6
1990 —									
Jan.	13.0	2.3	15.4	*1.7	2.3	4.0	14.7	4.6	19.4
Feb.	12.4	2.2	14.6	*1.9	2.2	4.1	14.3	4.5	18.7
Mar.	13.8	2.4	16.1	*1.6	2.9	4.5	15.4	5.3	20.6
Apr.	13.1	*1.7	14.8	*1.8	3.5	5.3	14.8	5.3	20.1
May	14.2	*1.9	16.2	*1.8	2.8	4.6	16.1	4.7	20.8
June	13.7	*1.8	15.5	2.2	2.6	4.8	15.9	4.4	20.3
July	13.3	*1.9	15.2	2.1	2.2	4.3	15.4	4.0	19.5
Aug.	13.1	*1.6	14.6	2.2	2.8	4.9	15.2	4.4	19.6
65 YEARS & OVER									
1989 —									
June	3.1	*0.6	3.7	2.7	*1.2	3.9	5.8	*1.8	7.6
July	3.3	*0.4	3.6	2.3	*1.3	3.6	5.6	*1.7	7.3
Aug.	2.8	*0.5	3.3	3.0	*0.9	3.9	5.9	*1.4	7.3
Sept.	2.9	*0.8	3.7	3.3	*0.7	4.1	6.3	*1.5	7.8
Oct.	3.0	*0.4	3.3	3.1	*0.9	4.0	6.1	*1.3	7.4
Nov.	3.0	*0.3	3.2	3.8	*0.5	4.4	6.8	*0.8	7.6
Dec.	3.0	*0.3	3.3	4.2	*1.0	5.2	7.2	*1.3	8.5
1990 —									
Jan.	2.9	*0.5	3.4	3.5	*1.0	4.5	6.4	*1.5	7.9
Feb.	3.7	*0.4	4.0	3.4	*1.4	4.7	7.0	*1.7	8.8
Mar.	3.6	*0.2	3.9	2.8	*1.9	4.7	6.4	2.1	8.5
Apr.	4.5	*0.4	4.9	3.4	*1.7	5.1	7.9	*2.0	10.0
May	3.8	*0.8	4.7	3.7	*1.9	5.6	7.6	2.7	10.3
June	4.7	*0.7	5.3	3.0	*1.7	4.6	7.6	2.3	9.9
July	3.7	*0.4	4.1	2.7	2.3	5.0	6.5	2.7	9.1
Aug.	3.6	*0.6	4.2	2.8	2.2	5.1	6.4	2.8	9.3
TOTAL									
1989 —									
June	351.5	143.9	495.4	30.7	122.4	153.1	382.2	266.3	648.5
July	355.9	151.1	507.0	26.6	114.0	140.6	382.5	265.1	647.5
Aug.	353.4	147.7	501.1	30.9	123.5	154.4	384.2	271.2	655.4
Sept.	356.6	147.4	503.9	34.0	123.8	157.8	390.6	271.1	661.8
Oct.	352.0	150.4	502.3	33.3	116.0	149.3	385.3	266.3	651.6
Nov.	354.6	150.6	505.1	34.8	115.7	150.5	389.4	266.2	655.6
Dec.	357.7	150.1	507.7	32.8	118.1	150.9	390.5	268.2	658.7
1990 —									
Jan.	357.0	149.0	506.0	30.3	114.9	145.1	387.3	263.9	651.1
Feb.	355.8	151.4	507.2	30.0	119.2	149.1	385.7	270.6	656.3
Mar.	355.6	152.7	508.3	32.7	122.1	154.8	388.3	274.8	663.1
Apr.	358.1	151.0	509.1	31.0	123.1	154.2	389.1	274.1	663.2
May	359.0	149.2	508.2	32.2	124.1	156.3	391.3	273.2	664.5
June	362.7	147.0	509.7	31.6	122.8	154.4	394.3	269.8	664.1
July	359.5	148.4	508.0	32.1	122.1	154.2	391.6	270.5	662.1
Aug.	351.1	147.2	498.3	33.1	126.6	159.6	384.1	273.8	657.9

TABLE 6 — EMPLOYED PERSONS : STATUS OF WORKER, SOUTH AUSTRALIA ('000)

Month	Wage and salary earners			Employers and self-employed			Total (a)		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1989 —									
May	310.8	232.0	542.8	65.3	34.3	99.6	379.9	269.0	648.9
Aug.	312.8	235.0	547.8	69.4	34.0	103.5	384.2	271.2	655.4
Nov.	319.1	234.3	553.5	67.4	29.2	96.6	389.4	266.2	655.6
1990 —									
Feb.	318.6	235.2	553.7	65.4	31.8	97.2	385.7	270.6	656.3
May	322.5	234.6	557.1	66.8	35.0	101.8	391.3	273.2	664.5
Aug.	313.2	232.6	545.7	67.5	36.6	104.1	384.1	273.8	657.9

(a) Includes unpaid family helpers.

TABLE 7 — EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), SOUTH AUSTRALIA ('000)

Occupation major group (a)	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
MALES						
Managers and administrators	60.8	60.7	61.6	62.6	63.7	61.3
Professionals	47.3	45.9	45.7	43.5	45.1	48.5
Para-professionals	24.5	23.8	20.9	21.5	23.1	22.8
Tradespersons	91.3	98.8	96.9	95.9	93.8	89.4
Clerks	26.4	22.4	21.7	23.9	26.4	23.5
Salespersons and personal service workers	30.7	32.6	37.0	36.2	36.8	34.9
Plant and machine operators, and drivers	35.9	41.4	45.2	41.3	39.3	37.9
Labourers and related workers	63.1	58.6	60.4	60.7	63.0	65.8
Total	379.9	384.2	389.4	385.7	391.3	384.1
FEMALES						
Managers and administrators	24.4	23.3	19.4	21.2	21.3	18.9
Professionals	31.0	28.3	30.3	29.1	29.6	31.2
Para-professionals	17.3	18.2	17.3	15.9	15.9	16.8
Tradespersons	11.5	12.6	12.9	11.7	11.1	12.4
Clerks	80.1	79.4	78.6	80.7	79.7	79.9
Salespersons and personal service workers	55.8	58.0	61.2	59.4	62.0	61.2
Plant and machine operators, and drivers	7.9	10.1	8.7	8.5	7.3	8.1
Labourers and related workers	41.1	41.3	37.7	44.2	46.4	45.3
Total	269.0	271.2	266.2	270.6	273.2	273.8
PERSONS						
Managers and administrators	85.2	84.0	81.0	83.8	84.9	80.2
Professionals	78.3	74.2	76.0	72.6	74.7	79.7
Para-professionals	41.8	42.0	38.2	37.4	39.0	39.5
Tradespersons	102.8	111.4	109.8	107.6	104.9	101.7
Clerks	106.5	101.8	100.3	104.6	106.1	103.4
Salespersons and personal service workers	86.5	90.6	98.2	95.6	98.8	96.2
Plant and machine operators, and drivers	43.7	51.5	53.9	49.7	46.6	46.0
Labourers and related workers	104.1	99.9	98.1	104.9	109.4	111.1
Total	648.9	655.4	655.6	656.3	664.5	657.9

(a) Classified according to the Australian Standard Classification of Occupations (ASCO).

TABLE 8 — EMPLOYED PERSONS : INDUSTRY, SOUTH AUSTRALIA
(^{'000})

Industry	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
MALES						
Agriculture, forestry, fishing and hunting	34.7	31.8	32.5	32.6	36.6	33.6
Agriculture and services to agriculture	32.2	30.1	30.9	30.3	33.7	30.9
Mining	4.6	5.2	4.0	5.3	4.5	4.6
Manufacturing	84.2	88.9	89.8	91.3	86.3	85.1
Food, beverages and tobacco	14.4	14.2	13.4	11.8	12.0	11.2
Metal Products	14.7	15.0	15.1	15.2	14.3	18.0
Other manufacturing	55.1	59.6	61.3	64.3	60.0	55.8
Electricity, gas and water	10.1	9.0	9.5	9.4	9.3	6.9
Construction	34.1	33.6	33.8	31.1	30.0	32.0
Wholesale trade	26.8	28.1	28.6	28.3	30.1	29.1
Retail trade	44.3	47.0	47.2	47.5	50.1	47.8
Transport and storage	18.9	22.1	25.8	23.2	25.0	22.9
Communication	7.8	9.2	8.9	8.6	8.6	8.2
Finance, property and business services	30.6	32.4	30.8	30.2	30.0	30.5
Public administration and defence	16.8	14.5	14.4	13.9	15.1	16.5
Community services (a)	50.1	47.5	46.8	45.6	46.7	48.1
Recreation, Personal and Other Services	16.7	14.9	17.4	18.9	18.8	18.9
<i>Total</i>	<i>379.9</i>	<i>384.2</i>	<i>389.4</i>	<i>385.7</i>	<i>391.3</i>	<i>384.1</i>

FEMALES						
Agriculture, forestry, fishing and hunting	16.3	15.2	11.5	12.5	15.0	15.7
Agriculture and services to agriculture	15.7	15.1	11.4	12.2	14.7	15.3
Mining	*0.2	*0.1	*0.2	*0.4	*1.1	*0.9
Manufacturing	25.6	31.1	30.0	30.6	31.9	26.9
Food, beverages and tobacco	4.9	6.1	6.3	5.8	6.1	4.6
Metal Products	2.2	3.2	3.1	2.8	2.7	3.3
Other manufacturing	18.6	21.9	20.6	22.0	23.0	19.0
Electricity, gas and water	1.9	*1.4	*0.8	*0.8	*0.6	*0.7
Construction	5.1	4.5	4.8	4.7	5.4	5.8
Wholesale trade	10.0	11.9	10.2	12.6	12.7	14.0
Retail trade	46.8	47.8	47.9	47.6	46.8	44.6
Transport and storage	5.3	5.8	6.0	5.5	4.7	3.8
Communication	2.5	3.3	2.6	2.6	2.3	2.8
Finance, property and business services	31.4	30.4	32.3	32.0	29.2	32.4
Public administration and defence	9.6	8.9	8.7	8.9	10.0	11.0
Community services (a)	88.2	85.1	84.4	86.3	86.1	86.8
Recreation, Personal and Other Services	25.8	25.4	26.7	26.0	27.4	28.5
<i>Total</i>	<i>269.0</i>	<i>271.2</i>	<i>266.2</i>	<i>270.6</i>	<i>273.2</i>	<i>273.8</i>

PERSONS						
Agriculture, forestry, fishing and hunting	51.1	47.1	44.1	45.1	51.6	49.3
Agriculture and services to agriculture	47.9	45.2	42.3	42.5	48.3	46.2
Mining	4.8	5.3	4.3	5.7	5.6	5.4
Manufacturing	109.9	120.0	119.8	121.9	118.2	111.9
Food, beverages and tobacco	19.3	20.3	19.6	17.6	18.1	15.9
Metal Products	16.9	18.2	18.3	18.0	17.1	21.3
Other manufacturing	73.7	81.5	81.9	86.3	83.0	74.8
Electricity, gas and water	12.1	10.4	10.3	10.2	10.0	7.6
Construction	39.3	38.1	38.6	35.8	35.4	37.8
Wholesale trade	36.8	40.0	38.8	40.9	42.7	43.1
Retail trade	91.2	94.9	95.1	95.2	96.9	92.4
Transport and storage	24.1	27.9	31.7	28.7	29.8	26.7
Communication	10.3	12.5	11.5	11.1	10.9	11.0
Finance, property and business services	62.0	62.8	63.1	62.2	59.2	62.9
Public administration and defence	26.4	23.5	23.1	22.8	25.2	27.5
Community services (a)	138.3	132.7	131.2	132.0	132.9	134.8
Recreation, Personal and Other Services	42.6	40.3	44.1	44.9	46.2	47.4
<i>Total</i>	<i>648.9</i>	<i>655.4</i>	<i>655.6</i>	<i>656.3</i>	<i>664.5</i>	<i>657.9</i>

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

TABLE 9 — EMPLOYED PERSONS : AVERAGE WEEKLY HOURS WORKED BY INDUSTRY, SOUTH AUSTRALIA
(Hours)

Industry	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
MALES						
Agriculture, forestry, fishing and hunting	47.3	40.6	44.4	46.7	45.9	44.1
Agriculture and services to agriculture	48.6	40.8	44.7	47.4	46.5	44.7
Mining	38.2	38.8	40.5	37.8	45.9	41.3
Manufacturing	40.2	39.9	38.6	40.3	40.1	39.5
Food, Beverages and Tobacco	39.5	39.7	39.3	39.8	37.7	39.4
Metal products	39.7	38.1	38.2	40.8	38.9	39.5
Other manufacturing	40.6	40.4	38.5	40.3	40.8	39.5
Electricity, gas and water	37.6	36.4	35.4	34.2	35.8	37.9
Construction	38.7	39.4	41.5	40.5	42.3	41.1
Wholesale trade	41.3	41.3	39.2	42.2	41.0	40.3
Retail trade	40.4	39.1	39.1	39.4	39.2	39.5
Transport and storage	40.9	41.3	41.4	41.8	40.8	40.3
Communication	34.0	35.0	35.1	35.4	32.8	33.6
Finance, property and business services	40.6	40.1	40.0	41.3	41.7	39.1
Public administration and defence	37.6	37.1	36.1	37.1	35.6	37.5
Community Services (a)	38.0	37.8	37.8	39.2	37.9	40.3
Recreation, personal and other services	36.9	37.0	40.2	37.9	34.7	36.0
Total	40.1	39.3	39.5	40.4	40.0	39.8
FEMALES						
Agriculture, forestry, fishing and hunting	25.8	21.9	24.8	25.7	24.9	25.5
Agriculture and services to agriculture	26.7	22.0	25.1	26.0	25.0	25.6
Mining	*36.3	*36.9	*33.3	*40.7	*30.9	*34.1
Manufacturing	32.6	33.2	31.8	32.8	31.7	32.1
Food, Beverages and Tobacco	31.3	31.1	27.9	32.4	29.0	28.6
Metal products	31.3	29.2	31.6	30.9	35.7	32.9
Other manufacturing	33.1	34.4	33.0	33.2	31.9	32.7
Electricity, gas and water	34.8	*38.9	*31.4	*34.9	*37.0	*36.5
Construction	19.9	17.5	23.5	27.0	23.3	23.3
Wholesale trade	30.0	28.9	34.6	29.0	29.4	31.2
Retail trade	26.6	25.0	26.7	25.9	26.5	27.0
Transport and storage	31.0	30.5	29.8	28.0	29.4	32.4
Communication	35.4	31.5	29.9	33.1	29.6	28.3
Finance, property and business services	30.3	29.3	30.2	28.9	29.8	26.9
Public administration and defence	33.1	32.5	35.3	34.8	30.7	29.9
Community Services (a)	28.4	27.4	27.8	28.7	28.6	28.2
Recreation, personal and other services	25.0	24.7	24.7	27.6	24.0	24.4
Total	28.5	27.5	28.4	28.7	28.1	27.9
PERSONS						
Agriculture, forestry, fishing and hunting	40.4	34.5	39.2	40.9	39.8	38.2
Agriculture and services to agriculture	41.4	34.5	39.4	41.2	40.0	38.4
Mining	38.1	38.8	40.1	38.0	43.0	40.2
Manufacturing	38.4	38.2	36.9	38.5	37.8	37.7
Food, Beverages and Tobacco	37.4	37.1	35.6	37.4	34.8	36.2
Metal products	38.6	36.6	37.1	39.3	38.4	38.4
Other manufacturing	38.7	38.8	37.1	38.5	38.3	37.8
Electricity, gas and water	37.2	36.7	35.1	34.3	35.8	37.8
Construction	36.3	36.8	39.2	38.8	39.5	38.4
Wholesale trade	38.2	37.6	38.0	38.1	37.6	37.4
Retail trade	33.3	32.0	32.8	32.6	33.0	33.5
Transport and storage	38.8	39.0	39.3	39.1	39.0	39.2
Communication	34.3	34.1	33.9	34.8	32.1	32.3
Finance, property and business services	35.4	34.9	35.0	34.9	35.8	32.8
Public administration and defence	36.0	35.3	35.8	36.2	33.6	34.5
Community Services (a)	31.9	31.1	31.4	32.3	31.9	32.5
Recreation, personal and other services	29.7	29.3	30.8	31.9	28.4	29.1
Total	35.3	34.5	35.0	35.6	35.1	34.9

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services.

TABLE 10 — UNEMPLOYED PERSONS : AGE GROUP, SOUTH AUSTRALIA
(^{'000})

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 & over	
	MALES						
1989 —							
June	4.5	5.7	8.0	4.4	3.0	2.8	28.5
July	6.3	5.5	8.0	5.3	3.6	3.1	31.7
Aug.	4.9	4.8	8.4	4.5	2.8	2.4	27.8
Sept.	4.1	4.3	7.8	3.7	3.0	3.2	26.2
Oct.	4.2	5.2	7.4	3.6	2.7	3.7	26.9
Nov.	5.0	6.3	7.4	2.6	3.6	4.4	29.3
Dec.	5.5	6.4	6.6	3.2	3.1	2.7	27.6
1990 —							
Jan.	5.2	6.2	8.7	3.6	2.9	4.0	30.5
Feb.	6.3	7.2	7.5	4.2	3.1	3.9	32.2
Mar.	5.1	6.7	7.5	3.9	2.7	2.8	28.9
Apr.	5.7	5.7	6.1	3.7	3.0	3.2	27.4
May	6.0	6.4	7.6	3.8	2.5	4.3	30.5
June	5.1	6.7	7.0	3.2	*2.1	4.4	28.4
July	5.0	5.9	7.7	3.3	2.7	4.2	28.8
Aug.	5.9	8.0	9.4	3.1	2.5	5.3	34.3
FEMALES							
1989 —							
June	6.2	2.6	5.1	4.1	2.4	*0.3	20.8
July	5.7	4.0	4.2	3.7	*1.9	*0.6	20.1
Aug.	6.1	3.4	4.5	3.2	*1.1	*0.2	18.4
Sept.	6.9	4.5	4.1	3.0	*1.5	*0.1	20.2
Oct.	7.2	4.4	4.7	3.1	*1.9	*0.2	21.6
Nov.	5.6	2.9	5.3	3.7	2.1	*0.3	20.0
Dec.	6.5	3.9	5.3	2.4	2.5	*0.6	21.2
1990 —							
Jan.	6.1	5.0	5.6	3.0	2.6	*0.1	22.4
Feb.	6.9	4.7	6.0	3.7	3.8	*1.3	26.4
Mar.	5.3	4.7	4.3	3.5	*2.0	*0.4	20.3
Apr.	5.6	4.0	4.4	3.1	2.8	*0.1	20.0
May	6.6	3.6	5.0	3.5	*1.5	*1.1	21.3
June	6.1	3.7	4.6	2.9	2.3	*0.9	20.4
July	5.9	3.8	5.5	3.2	2.3	*0.4	21.2
Aug.	6.1	5.3	5.7	3.7	*2.0	*1.0	23.7
PERSONS							
1989 —							
June	10.7	8.3	13.1	8.5	5.4	3.2	49.3
July	12.0	9.4	12.2	9.1	5.6	3.6	51.8
Aug.	11.0	8.2	12.8	7.7	4.0	2.6	46.3
Sept.	11.0	8.8	11.9	6.7	4.6	3.3	46.4
Oct.	11.4	9.6	12.1	6.7	4.6	4.0	48.4
Nov.	10.6	9.2	12.7	6.3	5.7	4.7	49.3
Dec.	12.1	10.3	11.9	5.6	5.6	3.3	48.8
1990 —							
Jan.	11.3	11.2	14.3	6.6	5.4	4.1	52.9
Feb.	13.2	11.9	13.5	7.9	6.9	5.2	58.6
Mar.	10.5	11.4	11.8	7.4	4.8	3.3	49.2
Apr.	11.3	9.6	10.5	6.8	5.8	3.4	47.4
May	12.6	10.0	12.5	7.3	4.0	5.3	51.8
June	11.2	10.3	11.6	6.1	4.4	5.2	48.8
July	10.9	9.7	13.3	6.5	5.0	4.6	50.0
Aug.	12.0	13.3	15.1	6.8	4.5	6.3	58.0

TABLE 11 — UNEMPLOYED PERSONS : UNEMPLOYMENT RATES BY AGE GROUP, SOUTH AUSTRALIA
(Per cent)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 & over	
	MALES						
1989—							
June	12.7	11.0	7.1	4.4	4.8	5.9	6.9
July	17.3	10.1	7.1	5.3	5.6	6.5	7.7
Aug.	13.8	9.1	7.5	4.5	4.5	5.0	6.8
Sept.	11.2	8.1	6.8	3.7	4.7	6.6	6.3
Oct.	11.9	9.8	6.5	3.6	4.2	8.2	6.5
Nov.	13.4	11.5	6.6	2.6	5.4	9.3	7.0
Dec.	13.8	12.1	5.9	3.2	4.7	5.9	6.6
1990—							
Jan.	13.3	11.6	7.6	3.6	4.4	8.9	7.3
Feb.	17.0	13.2	6.6	4.2	4.7	8.5	7.7
Mar.	14.2	12.4	6.6	3.9	4.1	6.3	6.9
Apr.	16.2	10.5	5.4	3.6	4.6	6.9	6.6
May	16.5	12.0	6.6	3.7	3.7	8.7	7.2
June	13.9	12.8	6.2	3.2	*3.0	8.7	6.7
July	13.2	11.1	6.9	3.3	3.9	8.7	6.8
Aug.	16.4	15.5	8.3	3.1	3.7	11.0	8.2
FEMALES							
1989—							
June	17.4	6.6	6.5	5.4	5.6	*2.2	7.2
July	16.5	9.4	5.6	5.0	*4.5	*3.6	7.0
Aug.	17.2	8.0	5.8	4.2	*2.6	*1.5	6.4
Sept.	20.3	10.6	5.4	3.8	*3.6	*0.8	6.9
Oct.	20.6	10.4	6.0	4.1	*4.5	*1.7	7.5
Nov.	16.3	7.4	6.8	4.8	5.0	*1.8	7.0
Dec.	17.5	9.5	7.1	3.1	5.7	*3.8	7.3
1990—							
Jan.	16.2	11.7	7.6	3.9	6.2	*0.8	7.8
Feb.	19.5	10.8	7.7	4.7	8.3	*8.6	8.9
Mar.	15.4	10.8	5.6	4.4	*4.6	*2.6	6.9
Apr.	17.6	9.0	5.7	4.0	6.1	*0.9	6.8
May	20.2	8.2	6.4	4.5	*3.3	*6.6	7.2
June	19.7	8.3	6.0	3.7	5.1	*5.3	7.0
July	18.2	8.9	7.2	4.2	5.1	*2.5	7.3
Aug.	18.2	11.7	7.4	4.6	*4.3	*5.5	8.0
PERSONS							
1989—							
June	15.1	9.1	6.9	4.8	5.1	5.0	7.1
July	16.9	9.8	6.5	5.2	5.2	5.8	7.4
Aug.	15.5	8.6	6.8	4.3	3.7	4.1	6.6
Sept.	15.6	9.2	6.2	3.8	4.3	5.1	6.6
Oct.	16.2	10.1	6.3	3.8	4.3	6.6	6.9
Nov.	14.8	9.8	6.6	3.6	5.2	7.6	7.0
Dec.	15.6	11.0	6.4	3.2	5.1	5.3	6.9
1990—							
Jan.	14.7	11.6	7.6	3.8	5.1	6.9	7.5
Feb.	18.3	12.2	7.0	4.4	6.1	8.5	8.2
Mar.	14.8	11.7	6.2	4.1	4.3	5.3	6.9
Apr.	16.8	9.8	5.5	3.8	5.2	5.3	6.7
May	18.3	10.2	6.5	4.1	3.6	8.2	7.2
June	16.6	10.7	6.1	3.4	3.8	7.9	6.8
July	15.5	10.1	7.0	3.7	4.4	7.1	7.0
Aug.	17.3	13.8	8.0	3.8	3.9	9.5	8.1

TABLE 12 — UNEMPLOYED PERSONS : DURATION OF UNEMPLOYMENT, SOUTH AUSTRALIA

Month	Number unemployed ('000)								Average duration of unemployment (weeks)	
	Under 4 weeks	4 & under 13 weeks	13 & under 26 weeks	26 & under 39 weeks	39 & under 52 weeks	52 & under 104 weeks	104 weeks & over	Total	Mean	Median
	MALES									
1989—										
June	3.5	6.2	3.2	3.1	*1.2	2.8	8.6	28.5	88.1	28
July	4.6	5.8	3.6	5.5	*1.2	3.9	7.2	31.7	71.7	27
Aug.	3.6	4.9	3.4	4.4	*1.3	3.3	6.7	27.8	80.9	31
Sept.	2.6	3.8	3.0	3.3	2.3	3.6	7.6	26.2	93.5	39
Oct.	3.4	3.8	3.7	3.2	3.1	2.6	7.0	26.9	83.4	33
Nov.	3.0	5.6	3.2	4.2	2.7	3.1	7.6	29.3	77.0	30
Dec.	4.5	5.0	3.8	2.9	*1.7	3.5	6.1	27.6	67.4	27
1990—										
Jan.	5.9	6.4	3.2	2.7	*1.9	4.3	6.1	30.5	64.2	22
Feb.	4.7	8.2	3.2	2.2	*1.4	5.4	7.0	32.2	63.5	24
Mar.	3.7	5.9	4.1	*2.0	*1.2	5.5	6.4	28.9	67.7	28
Apr.	5.3	3.2	4.4	2.6	*1.6	3.7	6.5	27.4	69.6	26
May	5.3	5.8	5.4	*1.5	*1.2	4.4	6.8	30.5	63.9	22
June	3.4	6.2	3.5	4.3	*1.4	3.9	5.7	28.4	67.0	26
July	4.5	5.0	4.3	4.3	*0.6	3.7	6.4	28.8	73.7	26
Aug.	4.1	8.2	4.7	6.7	*1.3	2.1	7.3	34.3	66.6	25
FEMALES										
1989—										
June	4.5	5.7	3.8	2.6	*0.8	*1.6	*1.8	20.8	32.1	12
July	4.4	4.1	3.7	3.7	*0.7	*1.8	*1.8	20.1	37.0	15
Aug.	3.5	3.3	3.8	3.0	*0.9	*2.0	*1.9	18.4	36.0	18
Sept.	3.7	4.6	2.8	4.0	*1.5	2.1	*1.5	20.2	35.1	18
Oct.	4.1	5.8	2.8	3.0	2.3	2.5	*1.0	21.6	28.8	13
Nov.	4.7	3.5	*1.8	2.7	3.0	2.3	*2.1	20.0	37.4	25
Dec.	5.9	5.7	*1.9	*2.1	*1.8	*1.8	*2.1	21.2	32.8	9
1990—										
Jan.	4.7	7.8	3.2	2.1	*1.0	*1.6	*1.9	22.4	28.1	7
Feb.	6.0	7.4	3.1	2.4	*1.2	2.8	3.6	26.4	39.2	12
Mar.	3.4	5.4	3.3	*2.1	*1.0	2.8	2.2	20.3	38.5	14
Apr.	4.8	4.4	4.0	*1.8	*0.4	*1.8	2.9	20.0	44.8	13
May	5.2	3.8	3.9	*1.9	*1.2	2.6	2.8	21.3	42.6	17
June	4.8	4.0	3.2	2.5	*0.7	*2.0	3.1	20.4	52.4	16
July	4.8	4.9	3.2	2.3	*0.6	2.2	3.1	21.2	47.6	14
Aug.	4.1	6.2	2.7	4.6	*0.3	2.7	3.1	23.7	44.4	17
PERSONS										
1989—										
June	8.0	11.8	7.1	5.6	*2.0	4.4	10.4	49.3	64.5	20
July	9.0	9.9	7.2	9.1	*1.9	5.8	8.9	51.8	58.2	23
Aug.	7.1	8.2	7.2	7.5	2.3	5.3	8.7	46.3	63.0	25
Sept.	6.3	8.3	5.8	7.3	3.8	5.7	9.0	46.4	68.0	28
Oct.	7.6	9.5	6.5	6.2	5.4	5.1	8.1	48.4	59.0	25
Nov.	7.6	9.1	5.0	6.9	5.7	5.4	9.6	49.3	60.9	28
Dec.	10.4	10.7	5.7	4.9	3.5	5.4	8.2	48.8	52.3	17
1990—										
Jan.	10.6	14.3	6.4	4.9	2.9	5.8	8.0	52.9	48.9	14
Feb.	10.7	15.6	6.3	4.6	2.6	8.2	10.6	58.6	52.6	17
Mar.	7.1	11.3	7.4	4.1	2.3	8.3	8.7	49.2	55.6	20
Apr.	10.1	7.6	8.4	4.4	*2.0	5.5	9.4	47.4	59.1	18
May	10.6	9.6	9.3	3.4	2.3	7.0	9.6	51.8	55.1	19
June	8.3	10.2	6.7	6.9	*2.1	5.9	8.8	48.8	60.9	24
July	9.3	9.9	7.5	6.6	*1.2	5.9	9.5	50.0	62.6	21
Aug.	8.2	14.4	7.4	11.3	*1.6	4.8	10.4	58.0	57.5	21

TABLE 13 — UNEMPLOYED PERSONS : NUMBER AND RATE BY BIRTHPLACE, SOUTH AUSTRALIA

Month	Unemployed			Unemployment rate		
	Males '000	Females '000	Persons '000	Males per cent	Females per cent	Persons per cent
BORN IN AUSTRALIA						
1989 —						
June	21.2	15.5	36.7	7.2	7.1	7.1
July	24.2	14.6	38.8	8.0	6.7	7.5
Aug.	18.7	13.2	31.9	6.2	6.0	6.1
Sept.	17.4	14.9	32.3	5.7	6.7	6.1
Oct.	19.0	15.5	34.5	6.2	7.1	6.6
Nov.	21.0	14.2	35.1	6.7	6.5	6.6
Dec.	18.8	15.5	34.3	6.0	7.1	6.5
1990 —						
Jan.	21.5	15.9	37.4	6.9	7.3	7.1
Feb.	22.4	19.6	42.0	7.1	8.7	7.8
Mar.	19.3	15.4	34.7	6.2	6.9	6.5
Apr.	19.0	15.1	34.1	6.1	6.7	6.4
May	22.0	16.1	38.1	7.0	7.2	7.1
June	18.9	14.6	33.5	6.0	6.6	6.3
July	20.7	15.9	36.5	6.6	7.2	6.9
Aug.	25.7	17.5	43.2	8.3	7.7	8.0
BORN OUTSIDE AUSTRALIA						
1989 —						
June	7.3	5.3	12.6	6.4	7.6	6.8
July	7.5	5.5	13.0	6.7	8.0	7.2
Aug.	9.1	5.3	14.4	8.4	7.5	8.0
Sept.	8.8	5.3	14.1	8.0	7.6	7.8
Oct.	7.9	6.1	14.0	7.3	8.8	7.9
Nov.	8.3	5.8	14.1	7.7	8.5	8.0
Dec.	8.8	5.7	14.5	8.3	8.2	8.2
1990 —						
Jan.	9.1	6.5	15.6	8.5	9.6	8.9
Feb.	9.8	6.8	16.6	9.4	9.5	9.4
Mar.	9.5	4.9	14.5	9.0	6.9	8.2
Apr.	8.4	4.9	13.3	7.9	7.1	7.6
May	8.5	5.2	13.7	8.0	7.5	7.8
June	9.5	5.8	15.3	8.7	8.3	8.6
July	8.1	5.3	13.4	7.4	7.6	7.5
Aug.	8.6	6.2	14.8	8.0	8.9	8.4

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
(1) ADELAIDE STATISTICAL DIVISION

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years and over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
MALES									
Aug. 1988	245.1	262.0	22.1	23.0	285.0	112.2	397.2	8.1	71.8
1989 —									
June	253.8	275.4	18.3	20.1	295.5	106.7	402.2	6.8	73.5
July	257.6	276.0	19.4	22.2	298.2	104.4	402.6	7.4	74.1
Aug.	255.4	278.3	17.9	19.6	298.0	105.1	403.0	6.6	73.9
Sept.	255.8	282.1	16.7	18.8	300.9	102.5	403.4	6.2	74.6
Oct.	253.9	278.7	14.3	16.7	295.3	108.5	403.8	5.6	73.1
Nov.	255.4	281.3	15.9	17.8	299.1	105.1	404.2	6.0	74.0
Dec.	258.5	281.6	15.8	18.6	300.2	104.4	404.6	6.2	74.2
1990 —									
Jan.	254.8	275.1	19.3	21.5	296.7	108.4	405.0	7.3	73.2
Feb.	255.2	277.0	20.9	22.6	299.6	105.9	405.4	7.5	73.9
Mar.	253.9	278.4	18.2	20.7	299.1	106.7	405.8	6.9	73.7
Apr.	254.6	277.2	17.5	19.8	296.9	109.4	406.3	6.7	73.1
May	257.1	279.2	18.9	21.8	301.0	105.8	406.8	7.2	74.0
June	260.5	282.6	19.1	20.6	303.3	104.0	407.2	6.8	74.5
July	258.8	280.5	19.1	20.9	301.3	106.3	407.6	6.9	73.9
Aug.	251.1	274.7	22.2	24.3	299.0	109.1	408.1	8.1	73.3
MARRIED FEMALES									
Aug. 1988	57.1	115.0	4.8	7.1	122.1	122.5	244.6	5.8	49.9
1989 —									
June	58.4	121.1	3.6	6.0	127.1	120.6	247.7	4.7	51.3
July	60.6	119.6	3.6	5.9	125.5	119.9	245.4	4.7	51.1
Aug.	61.9	124.2	3.3	5.5	129.7	114.7	244.3	4.2	53.1
Sept.	61.9	123.6	3.0	5.1	128.6	113.0	241.6	3.9	53.2
Oct.	60.3	119.9	3.1	5.4	125.3	117.6	242.9	4.3	51.6
Nov.	64.7	122.9	3.3	5.4	128.3	117.9	246.2	4.2	52.1
Dec.	63.1	122.8	3.6	5.8	128.6	122.1	250.7	4.5	51.3
1990 —									
Jan.	62.7	119.8	3.7	6.4	126.3	125.1	251.4	5.1	50.2
Feb.	64.4	126.6	4.0	7.3	133.9	115.2	249.1	5.5	53.8
Mar.	65.1	127.1	4.1	5.9	133.0	112.8	245.8	4.4	54.1
Apr.	65.3	126.4	*2.6	5.4	131.8	116.4	248.3	4.1	53.1
May	63.6	126.3	3.6	6.6	132.8	115.0	247.8	4.9	53.6
June	61.5	123.7	3.5	6.0	129.7	115.9	245.7	4.6	52.8
July	62.1	122.0	4.2	6.6	128.6	114.6	243.2	5.1	52.9
Aug.	60.0	121.5	4.8	7.4	129.0	113.8	242.8	5.8	53.1

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER
(1) ADELAIDE STATISTICAL DIVISION —continued

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years and over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
ALL FEMALES									
Aug. 1988	107.6	187.5	12.6	17.7	205.2	215.9	421.1	8.6	48.7
1989 —									
June	110.8	198.5	10.5	15.6	214.1	211.5	425.6	7.3	50.3
July	114.5	196.8	10.6	15.8	212.6	213.0	425.6	7.4	50.0
Aug.	113.9	201.4	10.4	14.6	216.1	209.6	425.7	6.8	50.8
Sept.	113.0	200.0	10.7	15.7	215.7	210.0	425.7	7.3	50.7
Oct.	115.0	198.0	10.8	16.4	214.3	212.0	426.3	7.6	50.3
Nov.	115.4	199.1	10.7	15.1	214.2	212.8	427.0	7.0	50.2
Dec.	115.3	200.9	11.1	15.5	216.4	211.2	427.6	7.2	50.6
1990 —									
Jan.	114.9	197.2	11.1	16.8	214.0	214.0	427.9	7.8	50.0
Feb.	115.5	203.9	13.0	18.8	222.7	205.6	428.3	8.5	52.0
Mar.	115.7	204.7	10.9	14.5	219.2	209.5	428.6	6.6	51.1
Apr.	114.6	203.1	9.8	14.6	217.7	211.3	429.0	6.7	50.7
May	115.1	203.6	9.7	15.1	218.6	210.8	429.4	6.9	50.9
June	113.2	200.8	10.0	15.0	215.7	214.0	429.7	6.9	50.2
July	114.3	200.2	11.7	16.2	216.4	213.8	430.1	7.5	50.3
Aug.	112.4	201.1	12.0	17.9	218.9	211.6	430.5	8.2	50.9
PERSONS									
Aug. 1988	352.7	449.5	34.7	40.7	490.2	328.2	818.4	8.3	59.9
1989 —									
June	364.5	473.9	28.8	35.7	509.6	318.2	827.8	7.0	61.6
July	372.1	472.8	30.1	38.0	510.8	317.5	828.3	7.4	61.7
Aug.	369.3	479.7	28.3	34.3	514.0	314.7	828.7	6.7	62.0
Sept.	368.8	482.1	27.4	34.4	516.6	312.5	829.1	6.7	62.3
Oct.	368.8	476.7	25.1	33.0	509.7	320.5	830.2	6.5	61.4
Nov.	370.7	480.5	26.6	32.9	513.3	317.9	831.2	6.4	61.8
Dec.	373.8	482.5	26.9	34.1	516.7	315.6	832.2	6.6	62.1
1990 —									
Jan.	369.7	472.3	30.3	38.3	510.6	322.4	833.0	7.5	61.3
Feb.	370.8	480.9	33.9	41.4	522.3	311.4	833.7	7.9	62.6
Mar.	369.6	483.1	29.2	35.2	518.3	316.1	834.4	6.8	62.1
Apr.	369.2	480.2	27.3	34.4	514.6	320.7	835.3	6.7	61.6
May	372.2	482.8	28.6	36.8	519.6	316.5	836.1	7.1	62.1
June	373.8	483.4	29.1	35.6	519.0	318.0	837.0	6.9	62.0
July	373.1	480.6	30.8	37.1	517.7	320.1	837.8	7.2	61.8
Aug.	363.5	475.8	34.3	42.1	517.9	320.6	838.5	8.1	61.8

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(2) NORTHERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1989 —								
June	74.2	79.3	7.2	7.9	87.2	30.6	9.1	74.1
July	76.1	80.6	7.0	7.5	88.0	28.7	8.5	75.4
Aug.	75.8	81.2	6.8	7.8	89.0	27.8	8.8	76.2
Sept.	76.4	82.9	5.7	6.2	89.2	26.3	7.0	77.2
Oct.	75.8	82.4	5.3	5.9	88.3	28.3	6.7	75.7
Nov.	78.1	84.6	5.5	6.4	91.0	26.3	7.0	77.6
Dec.	80.2	85.7	5.9	6.7	92.4	27.2	7.3	77.3
1990 —								
Jan.	78.6	84.1	6.8	7.5	91.6	27.5	8.2	76.9
Feb.	77.4	84.1	7.5	7.8	91.9	27.0	8.5	77.3
Mar.	80.6	87.9	6.1	6.6	94.6	25.9	7.0	78.5
Apr.	83.9	89.8	7.1	7.7	97.5	26.6	7.9	78.6
May	82.5	89.0	6.9	7.7	96.7	27.0	8.0	78.2
June	82.8	89.8	7.1	7.4	97.2	25.0	7.6	79.5
July	81.5	87.6	7.4	8.0	95.6	25.7	8.4	78.8
Aug.	80.3	87.4	7.6	8.2	95.6	26.7	8.5	78.2
FEMALES								
1989 —								
June	32.4	56.5	4.6	5.9	62.4	54.9	9.5	53.2
July	32.7	55.6	3.8	5.5	61.1	55.5	9.0	52.4
Aug.	33.7	59.8	3.6	4.5	64.2	56.2	7.0	53.3
Sept.	33.2	60.0	4.2	5.5	65.5	54.0	8.3	54.8
Oct.	33.5	58.4	4.0	6.3	64.7	56.6	9.7	53.3
Nov.	35.5	60.3	3.6	5.2	65.5	56.6	7.9	53.7
Dec.	33.7	60.5	4.3	5.5	66.0	57.2	8.4	53.6
1990 —								
Jan.	32.2	58.0	3.8	5.9	63.9	57.8	9.2	52.5
Feb.	31.9	58.9	4.7	6.4	65.3	54.7	9.8	54.4
Mar.	31.3	58.7	4.4	5.8	64.4	55.5	8.9	53.7
Apr.	32.7	59.7	3.2	4.2	63.9	55.8	6.6	53.4
May	33.0	58.7	4.2	5.9	64.6	57.1	9.2	53.1
June	32.2	57.0	3.9	5.8	62.8	56.7	9.2	52.5
July	34.3	59.2	3.9	5.0	64.2	58.5	7.9	52.3
Aug.	32.6	57.9	5.8	8.2	66.1	58.1	12.3	53.2
PERSONS								
1989 —								
June	106.6	135.8	11.8	13.9	149.7	85.5	9.3	63.6
July	108.8	136.2	10.8	13.0	149.1	84.2	8.7	63.9
Aug.	109.4	141.0	10.4	12.3	153.3	84.0	8.0	64.6
Sept.	109.6	143.0	9.9	11.7	154.7	80.3	7.6	65.8
Oct.	109.3	140.8	9.4	12.2	153.0	84.9	8.0	64.3
Nov.	113.7	144.9	9.1	11.6	156.5	82.9	7.4	65.4
Dec.	113.9	146.2	10.2	12.3	158.4	84.4	7.7	65.2
1990 —								
Jan.	110.8	142.1	10.5	13.4	155.5	85.4	8.6	64.6
Feb.	109.3	143.0	12.2	14.3	157.3	81.7	9.1	65.8
Mar.	111.9	146.6	10.5	12.4	159.0	81.4	7.8	66.1
Apr.	116.6	149.5	10.4	11.9	161.5	82.4	7.4	66.2
May	115.5	147.7	11.1	13.6	161.3	84.1	8.4	65.7
June	115.0	146.8	10.9	13.2	160.0	81.7	8.3	66.2
July	115.8	146.8	11.3	13.1	159.8	84.1	8.2	65.5
Aug.	113.0	145.3	13.4	16.3	161.7	84.7	10.1	65.6

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(3) WESTERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
	MALES							
1989—								
June	55.6	60.0	4.3	4.5	64.5	28.5	7.0	69.3
July	54.5	58.2	5.0	5.7	63.9	29.3	8.9	68.6
Aug.	52.3	57.6	5.5	5.7	63.2	29.2	8.9	68.4
Sept.	54.0	58.7	5.6	6.0	64.7	28.6	9.3	69.3
Oct.	52.6	56.3	4.2	4.7	61.0	31.6	7.7	65.9
Nov.	52.0	56.3	4.7	5.0	61.2	29.0	8.1	67.9
Dec.	51.2	55.7	4.5	4.8	60.6	30.0	8.0	66.9
1990—								
Jan.	49.2	53.3	5.1	5.6	58.9	30.8	9.6	65.7
Feb.	51.7	55.0	7.1	7.8	62.8	30.1	12.4	67.6
Mar.	51.4	55.8	5.2	5.8	61.6	30.1	9.5	67.2
Apr.	49.2	53.1	5.4	6.2	59.3	29.5	10.5	66.8
May	50.4	54.7	6.1	6.7	61.4	26.9	10.9	69.5
June	50.4	55.0	6.3	6.5	61.5	26.3	10.6	70.1
July	51.8	55.5	6.7	7.1	62.6	26.2	11.3	70.5
Aug.	48.2	51.7	6.8	7.6	59.3	26.9	12.8	68.8
FEMALES								
1989—								
June	21.1	38.7	1.9	3.4	42.1	50.4	8.1	45.5
July	22.5	37.8	2.7	3.9	41.7	51.1	9.3	44.9
Aug.	21.8	36.0	3.1	4.1	40.2	47.5	10.3	45.8
Sept.	21.0	35.6	2.5	3.7	39.3	50.3	9.4	43.9
Oct.	21.0	35.0	2.5	3.1	38.1	50.7	8.2	42.9
Nov.	21.7	34.9	2.3	2.8	37.7	51.3	7.5	42.4
Dec.	22.7	36.0	2.1	3.0	39.0	52.2	7.7	42.8
1990—								
Jan.	22.8	35.3	2.4	3.6	38.8	50.7	9.2	43.4
Feb.	24.2	39.2	2.5	3.4	42.6	49.2	8.0	46.4
Mar.	24.2	39.5	2.9	3.5	43.0	50.4	8.2	46.0
Apr.	24.3	40.0	2.8	4.0	44.0	51.4	9.0	46.1
May	25.8	41.8	*1.1	2.1	43.9	51.3	4.9	46.1
June	25.1	39.9	1.9	3.0	42.8	51.1	6.9	45.6
July	24.8	40.0	3.0	4.1	44.1	49.5	9.3	47.1
Aug.	21.7	36.6	2.7	3.4	40.0	50.8	8.5	44.0
PERSONS								
1989—								
June	76.7	98.6	6.2	7.9	106.6	78.9	7.5	57.5
July	77.0	96.0	7.7	9.6	105.6	80.3	9.1	56.8
Aug.	74.1	93.6	8.6	9.8	103.4	76.7	9.5	57.4
Sept.	75.0	94.3	8.1	9.7	104.0	78.9	9.3	56.9
Oct.	73.6	91.3	6.7	7.8	99.1	82.3	7.9	54.6
Nov.	73.7	91.1	7.0	7.8	98.9	80.3	7.9	55.2
Dec.	73.9	91.8	6.6	7.8	99.6	82.3	7.9	54.8
1990—								
Jan.	72.1	88.6	7.5	9.2	97.8	81.5	9.4	54.5
Feb.	76.0	94.2	9.7	11.2	105.3	79.3	10.6	57.1
Mar.	75.6	95.3	8.1	9.4	104.7	80.5	9.0	56.5
Apr.	73.5	93.1	8.2	10.2	103.3	80.9	9.8	56.1
May	76.2	96.4	7.1	8.8	105.3	78.1	8.4	57.4
June	75.5	94.8	8.2	9.5	104.3	77.4	9.1	57.4
July	76.6	95.5	9.7	11.2	106.7	75.6	10.5	58.5
Aug.	69.9	88.3	9.4	11.0	99.3	77.7	11.1	56.1

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(4) EASTERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1989—								
June	52.3	57.5	3.5	3.7	61.2	20.1	6.0	75.3
July	52.1	56.3	3.7	3.9	60.2	21.2	6.5	74.0
Aug.	52.4	57.6	3.3	3.6	61.2	20.8	5.8	74.6
Sept.	50.2	56.2	2.5	3.1	59.3	22.4	5.2	72.6
Oct.	51.3	57.3	2.4	2.9	60.2	23.0	4.8	72.3
Nov.	51.8	58.9	2.8	3.1	62.0	23.6	5.0	72.4
Dec.	51.6	57.9	3.0	4.1	62.0	22.0	6.6	73.8
1990—								
Jan.	52.4	57.3	3.5	4.3	61.7	22.7	7.0	73.1
Feb.	52.5	57.2	2.8	3.1	60.3	22.6	5.2	72.8
Mar.	50.0	55.7	2.9	3.5	59.2	24.4	6.0	70.8
Apr.	49.1	54.5	2.2	2.8	57.3	25.2	4.9	69.4
May	49.6	54.1	2.9	3.4	57.5	24.1	6.0	70.5
June	51.7	57.1	2.1	2.3	59.4	24.0	3.9	71.2
July	51.8	56.3	2.0	2.3	58.6	24.8	4.0	70.3
Aug.	51.2	56.4	3.1	3.5	59.9	25.5	5.8	70.1
FEMALES								
1989—								
June	25.4	42.5	2.0	2.4	45.0	45.5	5.4	49.7
July	25.7	41.5	2.0	2.6	44.1	46.1	5.8	48.9
Aug.	25.7	43.2	2.0	2.9	46.1	44.5	6.2	50.9
Sept.	24.7	41.1	2.1	2.9	44.0	45.1	6.5	49.4
Oct.	27.1	43.8	2.3	3.1	46.9	45.3	6.6	50.8
Nov.	25.8	42.7	2.1	2.7	45.4	44.4	6.0	50.6
Dec.	26.4	40.9	2.0	2.8	43.8	43.1	6.5	50.4
1990—								
Jan.	28.3	42.5	2.0	3.2	45.6	44.5	7.0	50.6
Feb.	27.9	44.2	2.6	3.7	47.9	42.9	7.6	52.7
Mar.	26.4	43.4	*1.7	2.2	45.6	44.2	4.8	50.8
Apr.	24.9	43.0	*1.7	2.8	45.8	45.0	6.0	50.4
May	24.3	41.5	*1.8	2.3	43.9	44.7	5.3	49.5
June	25.5	43.9	*1.5	2.5	46.4	44.7	5.4	51.0
July	25.6	42.3	*1.7	2.3	44.5	45.9	5.1	49.2
Aug.	26.3	44.3	*1.5	2.3	46.7	45.5	5.0	50.6
PERSONS								
1989—								
June	77.6	100.0	5.5	6.1	106.1	65.6	5.8	61.8
July	77.8	97.8	5.7	6.5	104.3	67.3	6.2	60.8
Aug.	78.1	100.8	5.3	6.4	107.2	65.3	6.0	62.2
Sept.	74.9	97.3	4.7	5.9	103.2	67.5	5.8	60.5
Oct.	78.4	101.1	4.7	6.0	107.1	68.4	5.6	61.0
Nov.	77.7	101.6	5.0	5.8	107.4	68.0	5.4	61.2
Dec.	78.0	98.8	5.0	6.9	105.7	65.1	6.5	61.9
1990—								
Jan.	80.7	99.8	5.4	7.5	107.3	67.2	7.0	61.5
Feb.	80.4	101.4	5.3	6.8	108.1	65.5	6.3	62.3
Mar.	76.4	99.1	4.6	5.7	104.8	68.6	5.5	60.5
Apr.	74.0	97.5	4.0	5.6	103.1	70.3	5.4	59.5
May	73.9	95.6	4.7	5.8	101.4	68.8	5.7	59.6
June	77.2	101.0	3.6	4.8	105.8	68.7	4.6	60.6
July	77.4	98.5	3.7	4.6	103.1	70.7	4.4	59.3
Aug.	77.4	100.8	4.6	5.8	106.5	71.0	5.4	60.0

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(5) SOUTHERN ADELAIDE

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers	Total	Looking for full- time work	Total				
	'000	'000	'000	'000				
MALES								
1989 —								
June	71.7	78.6	3.3	4.0	82.6	27.5	4.8	75.0
July	74.9	81.0	3.8	5.0	86.0	25.3	5.9	77.3
Aug.	74.8	81.9	2.2	2.6	84.5	27.2	3.1	75.5
Sept.	75.2	84.3	2.9	3.5	87.8	25.2	4.0	77.7
Oct.	74.1	82.7	2.4	3.1	85.8	25.6	3.6	77.0
Nov.	73.4	81.5	2.9	3.4	84.9	26.2	4.0	76.4
Dec.	75.5	82.3	2.4	3.0	85.3	25.2	3.5	77.2
1990 —								
Jan.	74.5	80.4	3.9	4.0	84.4	27.4	4.8	75.5
Feb.	73.6	80.7	3.5	3.8	84.6	26.2	4.5	76.3
Mar.	71.9	79.0	4.0	4.7	83.7	26.3	5.6	76.1
Apr.	72.4	79.7	2.7	3.1	82.8	28.0	3.7	74.7
May	74.7	81.5	3.1	3.9	85.4	27.8	4.6	75.4
June	75.6	80.8	3.7	4.4	85.1	28.6	5.1	74.9
July	73.7	81.1	3.0	3.4	84.6	29.7	4.1	74.0
Aug.	71.4	79.1	4.7	5.1	84.2	30.0	6.0	73.8
FEMALES								
1989 —								
June	31.9	60.9	2.0	3.8	64.6	60.7	5.8	51.6
July	33.6	61.9	2.1	3.9	65.8	60.3	5.9	52.2
Aug.	32.8	62.5	1.7	3.1	65.6	61.4	4.8	51.7
Sept.	34.0	63.3	1.8	3.6	66.9	60.7	5.4	52.4
Oct.	33.4	60.8	2.0	3.9	64.7	59.4	6.0	52.1
Nov.	32.3	61.2	2.6	4.3	65.5	60.5	6.6	52.0
Dec.	32.5	63.5	2.7	4.2	67.6	58.6	6.2	53.6
1990 —								
Jan.	31.6	61.4	3.0	4.1	65.6	60.9	6.3	51.8
Feb.	31.6	61.6	3.3	5.4	66.9	58.8	8.0	53.3
Mar.	33.9	63.1	1.9	3.0	66.1	59.3	4.5	52.7
Apr.	32.8	60.4	2.1	3.6	64.0	59.2	5.7	52.0
May	31.9	61.6	2.6	4.7	66.2	57.7	7.0	53.4
June	30.5	60.1	2.6	3.7	63.7	61.6	5.8	50.9
July	29.6	58.7	3.0	4.8	63.5	59.9	7.5	51.5
Aug.	31.8	62.2	2.1	4.0	66.2	57.2	6.0	53.6
PERSONS								
1989 —								
June	103.6	139.5	5.3	7.7	147.2	88.2	5.2	62.5
July	108.5	142.9	5.9	8.9	151.8	85.6	5.9	63.9
Aug.	107.7	144.4	4.0	5.7	150.1	88.6	3.8	62.9
Sept.	109.2	147.6	4.7	7.1	154.7	85.9	4.6	64.3
Oct.	107.5	143.5	4.4	7.0	150.5	84.9	4.6	63.9
Nov.	105.7	142.8	5.5	7.7	150.5	86.6	5.1	63.5
Dec.	108.0	145.8	5.1	7.2	152.9	83.8	4.7	64.6
1990 —								
Jan.	106.1	141.8	6.9	8.2	150.0	88.3	5.4	63.0
Feb.	105.1	142.3	6.8	9.2	151.5	84.9	6.1	64.1
Mar.	105.7	142.1	5.9	7.7	149.8	85.7	5.1	63.6
Apr.	105.2	140.1	4.8	6.7	146.8	87.2	4.6	62.7
May	106.6	143.0	5.7	8.6	151.6	85.5	5.7	63.9
June	106.1	140.8	6.3	8.1	148.9	90.2	5.4	62.3
July	103.3	139.9	6.0	8.2	148.1	89.7	5.6	62.3
Aug.	103.2	141.4	6.9	9.0	150.4	87.2	6.0	63.3

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(6) BALANCE OF SOUTH AUSTRALIA (EXCLUDES ADELAIDE STATISTICAL DIVISION)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Civilian population 15 years & over '000	Unemployment rate per cent	Participation rate per cent
	Full- time workers '000	Total '000	Looking for full- time work '000	Total '000					
MALES									
1989—									
June	97.7	106.8	8.4	8.4	115.2	36.6	151.8	7.3	75.9
July	98.3	106.5	9.0	9.6	116.1	35.9	151.9	8.2	76.4
Aug.	98.0	105.9	7.8	8.2	114.1	38.0	152.1	7.2	75.0
Sept.	100.7	108.5	7.0	7.4	115.9	36.4	152.3	6.4	76.1
Oct.	98.1	106.6	9.5	10.2	116.8	35.6	152.4	8.7	76.6
Nov.	99.2	108.1	11.0	11.5	119.5	33.0	152.6	9.6	78.4
Dec.	99.1	108.9	8.6	9.0	117.8	34.9	152.7	7.6	77.2
1990—									
Jan.	102.2	112.1	8.5	9.0	121.2	31.7	152.8	7.4	79.3
Feb.	100.5	108.7	8.6	9.6	118.3	34.6	153.0	8.1	77.3
Mar.	101.7	109.9	7.7	8.2	118.0	35.1	153.1	6.9	77.1
Apr.	103.5	112.0	7.0	7.6	119.6	33.6	153.2	6.4	78.0
May	101.9	112.0	8.6	8.7	120.8	32.6	153.4	7.2	78.7
June	102.2	111.6	7.4	7.8	119.4	34.2	153.6	6.5	77.8
July	100.8	111.2	7.6	7.9	119.1	34.6	153.7	6.6	77.5
Aug.	100.0	109.4	9.5	10.1	119.5	34.4	153.8	8.4	77.7
FEMALES									
1989—									
June	33.2	67.8	4.0	5.2	73.0	72.3	145.3	7.1	50.2
July	36.6	68.2	3.4	4.3	72.5	73.0	145.5	5.9	49.8
Aug.	33.8	69.8	3.1	3.8	73.6	72.0	145.7	5.2	50.5
Sept.	34.4	71.1	3.1	4.6	75.7	70.2	145.8	6.1	51.9
Oct.	35.4	68.4	3.8	5.2	73.6	72.4	146.0	7.1	50.4
Nov.	35.2	67.1	3.3	4.9	72.0	74.2	146.2	6.8	49.2
Dec.	34.8	67.3	4.2	5.7	73.0	73.4	146.4	7.8	49.9
1990—									
Jan.	34.1	66.7	3.8	5.6	72.3	74.3	146.6	7.8	49.3
Feb.	35.9	66.7	5.6	7.6	74.3	72.4	146.8	10.2	50.6
Mar.	37.0	70.1	3.8	5.8	76.0	71.0	146.9	7.7	51.7
Apr.	36.3	71.0	3.8	5.4	76.4	70.7	147.1	7.1	51.9
May	34.1	69.7	4.7	6.2	75.9	71.4	147.3	8.2	51.6
June	33.8	69.0	3.7	5.4	74.5	73.0	147.5	7.3	50.5
July	34.1	70.3	3.9	5.0	75.3	72.3	147.7	6.6	51.0
Aug.	34.7	72.7	3.8	5.8	78.5	69.3	147.9	7.4	53.1
PERSONS									
1989—									
June	130.9	174.5	12.4	13.6	188.2	108.9	297.1	7.2	63.3
July	134.9	174.7	12.3	13.8	188.6	108.9	297.4	7.3	63.4
Aug.	131.8	175.7	10.8	12.0	187.7	110.1	297.8	6.4	63.0
Sept.	135.1	179.6	10.1	12.0	191.6	106.5	298.1	6.2	64.3
Oct.	133.5	175.0	13.3	15.4	190.4	108.1	298.4	8.1	63.8
Nov.	134.4	175.2	14.3	16.4	191.5	107.3	298.8	8.5	64.1
Dec.	133.9	176.1	12.8	14.7	190.8	108.3	299.1	7.7	63.8
1990—									
Jan.	136.3	178.8	12.2	14.6	193.4	106.0	299.4	7.6	64.6
Feb.	136.4	175.5	14.3	17.2	192.7	107.1	299.7	8.9	64.3
Mar.	138.7	180.0	11.5	14.0	194.0	106.0	300.0	7.2	64.7
Apr.	139.8	183.0	10.8	13.0	196.0	104.4	300.4	6.6	65.3
May	136.0	181.7	13.3	15.0	196.7	104.0	300.7	7.6	65.4
June	136.0	180.7	11.1	13.2	193.9	107.2	301.0	6.8	64.4
July	134.9	181.5	11.4	12.9	194.4	107.0	301.4	6.6	64.5
Aug.	134.7	182.1	13.2	15.9	198.0	103.7	301.7	8.0	65.6

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(7) NORTHERN AND WESTERN SOUTH AUSTRALIA (a)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1989 —								
June	39.1	42.3	4.1	4.1	46.4	16.0	8.9	74.4
July	39.7	42.6	3.9	4.2	46.8	16.0	9.0	74.6
Aug.	39.3	41.3	3.5	3.5	44.8	17.4	7.8	72.1
Sept.	40.8	42.3	3.6	3.8	46.2	15.4	8.3	74.9
Oct.	39.4	41.6	4.4	4.9	46.5	14.6	10.4	76.1
Nov.	40.3	41.9	5.3	5.6	47.5	14.1	11.7	77.1
Dec.	40.3	41.8	3.9	4.2	46.0	12.9	9.1	78.1
1990 —								
Jan.	38.7	41.6	3.6	3.8	45.5	12.7	8.4	78.2
Feb.	39.3	41.4	4.4	4.8	46.2	14.6	10.4	76.0
Mar.	37.3	40.4	4.2	4.2	44.6	13.7	9.4	76.4
Apr.	37.9	41.5	3.4	3.7	45.1	14.3	8.1	75.9
May	39.1	42.1	4.3	4.4	46.5	13.8	9.5	77.2
June	39.5	42.1	3.6	3.7	45.8	15.0	8.1	75.4
July	38.9	42.8	3.0	3.0	45.8	16.4	6.5	73.6
Aug.	38.8	42.1	3.7	4.2	46.3	15.7	9.1	74.7
FEMALES								
1989 —								
June	12.0	24.6	*1.7	2.4	27.0	30.0	8.8	47.3
July	14.1	25.0	*1.4	2.4	27.3	29.9	8.6	47.8
Aug.	11.6	24.5	*1.2	*1.5	26.0	31.5	*5.8	45.2
Sept.	11.5	25.0	2.0	2.6	27.6	31.4	9.4	46.7
Oct.	11.7	24.6	2.0	2.6	27.2	30.2	9.7	47.4
Nov.	12.3	24.6	*1.7	2.6	27.1	30.2	9.5	47.3
Dec.	12.7	25.0	2.7	3.6	28.6	30.2	12.6	48.7
1990 —								
Jan.	12.5	24.6	2.1	2.8	27.4	31.6	10.2	46.4
Feb.	12.7	24.0	2.8	3.5	27.5	30.9	12.7	47.1
Mar.	12.9	24.5	*1.7	2.6	27.1	30.3	9.7	47.2
Apr.	12.1	25.2	*1.9	3.0	28.2	31.0	10.7	47.6
May	11.9	24.7	2.2	3.1	27.9	30.5	11.2	47.7
June	12.9	24.5	*1.8	2.7	27.1	31.7	9.9	46.1
July	13.9	26.6	*1.3	*1.7	28.3	32.3	*5.9	46.7
Aug.	14.7	26.6	*1.3	2.3	28.9	32.7	7.9	46.9
PERSONS								
1989 —								
June	51.1	66.9	5.8	6.5	73.4	46.0	8.9	61.5
July	53.8	67.6	5.3	6.6	74.2	45.8	8.9	61.8
Aug.	50.9	65.8	4.7	5.0	70.8	48.9	7.0	59.1
Sept.	52.4	67.3	5.6	6.4	73.7	46.9	8.7	61.1
Oct.	51.1	66.2	6.4	7.5	73.7	44.8	10.2	62.2
Nov.	52.6	66.5	7.0	8.1	74.6	44.3	10.9	62.8
Dec.	53.0	66.9	6.6	7.8	74.7	43.1	10.4	63.4
1990 —								
Jan.	51.3	66.2	5.8	6.6	72.8	44.2	9.1	62.2
Feb.	51.9	65.4	7.2	8.3	73.7	45.5	11.2	61.8
Mar.	50.2	64.9	5.9	6.8	71.7	44.1	9.5	61.9
Apr.	49.9	66.7	5.3	6.7	73.4	45.3	9.1	61.8
May	51.0	66.8	6.5	7.5	74.4	44.3	10.1	62.7
June	52.4	66.5	5.4	6.4	72.9	46.7	8.8	61.0
July	52.7	69.4	4.3	4.6	74.1	48.7	6.3	60.3
Aug.	53.5	68.7	5.1	6.5	75.2	48.4	8.6	60.9

TABLE 14 — LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER —continued
(8) SOUTHERN AND EASTERN SOUTH AUSTRALIA (b)

Month	Employed		Unemployed		Labour force '000	Not in labour force '000	Unemployment rate per cent	Participation rate per cent
	Full-time workers '000	Total '000	Looking for full- time work '000	Total '000				
MALES								
1989—								
June	58.6	64.5	4.3	4.3	68.8	20.6	6.2	77.0
July	58.6	63.9	5.1	5.3	69.2	19.9	7.7	77.7
Aug.	58.7	64.6	4.3	4.7	69.3	20.7	6.8	77.0
Sept.	59.9	66.2	3.4	3.6	69.8	20.9	5.1	76.9
Oct.	58.7	65.0	5.1	5.3	70.3	21.0	7.6	77.0
Nov.	58.9	66.2	5.7	5.9	72.1	18.9	8.2	79.2
Dec.	58.9	67.0	4.6	4.8	71.8	22.0	6.7	76.6
1990—								
Jan.	63.5	70.5	4.8	5.2	75.7	19.0	6.9	79.9
Feb.	61.2	67.3	4.2	4.8	72.1	20.1	6.6	78.2
Mar.	64.4	69.5	3.5	4.0	73.5	21.3	5.4	77.5
Apr.	65.6	70.5	3.6	4.0	74.5	19.3	5.3	79.4
May	62.8	69.9	4.3	4.3	74.3	18.9	5.8	79.8
June	62.7	69.6	3.8	4.0	73.6	19.2	5.5	79.3
July	61.9	68.3	4.6	4.9	73.3	18.2	6.7	80.1
Aug.	61.2	67.3	5.7	5.8	73.1	18.7	8.0	79.6
FEMALES								
1989—								
June	21.1	43.2	2.3	2.8	46.0	42.4	6.1	52.1
July	22.5	43.2	1.9	1.9	45.2	43.1	4.2	51.2
Aug.	22.2	45.3	1.9	2.3	47.6	40.5	4.9	54.0
Sept.	22.9	46.1	*1.1	2.0	48.1	38.7	4.1	55.4
Oct.	23.7	43.8	1.8	2.6	46.4	42.2	5.5	52.3
Nov.	22.9	42.5	*1.6	2.3	44.9	44.0	5.2	50.5
Dec.	22.1	42.2	*1.5	2.1	44.4	43.3	4.8	50.6
1990—								
Jan.	21.5	42.1	*1.6	2.8	44.9	42.7	6.3	51.2
Feb.	23.2	42.7	2.8	4.1	46.9	41.5	8.8	53.0
Mar.	24.0	45.6	2.0	3.2	48.8	40.6	6.5	54.6
Apr.	24.3	45.8	1.9	2.4	48.2	39.7	4.9	54.8
May	22.2	45.0	2.4	3.1	48.1	40.8	6.5	54.1
June	20.8	44.6	1.9	2.7	47.3	41.3	5.8	53.4
July	20.2	43.7	2.6	3.3	47.1	40.0	7.1	54.0
Aug.	20.1	46.1	2.4	3.5	49.6	36.6	7.1	57.5
PERSONS								
1989—								
June	79.7	107.7	6.6	7.1	114.8	62.9	6.2	64.6
July	81.1	107.1	7.0	7.2	114.4	63.0	6.3	64.5
Aug.	80.9	109.9	6.2	7.0	116.9	61.2	6.0	65.7
Sept.	82.8	112.3	4.5	5.6	117.9	59.6	4.7	66.4
Oct.	82.3	108.8	6.9	7.9	116.7	63.3	6.8	64.8
Nov.	81.8	108.7	7.3	8.2	116.9	63.0	7.0	65.0
Dec.	81.0	109.3	6.2	6.9	116.2	65.2	5.9	64.0
1990—								
Jan.	85.0	112.6	6.4	8.0	120.6	61.7	6.7	66.1
Feb.	84.5	110.0	7.1	8.9	118.9	61.6	7.5	65.9
Mar.	88.5	115.1	5.6	7.1	122.3	61.9	5.8	66.4
Apr.	89.9	116.3	5.5	6.3	122.6	59.0	5.2	67.5
May	85.0	114.9	6.8	7.5	122.3	59.7	6.1	67.2
June	83.5	114.2	5.7	6.8	120.9	60.5	5.6	66.7
July	82.2	112.1	7.2	8.3	120.3	58.2	6.9	67.4
Aug.	81.2	113.4	8.2	9.4	122.8	55.3	7.6	68.9

(a) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions. (b) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

TABLE 15 — EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), REGIONS OF SOUTH AUSTRALIA ('000)

Occupation major group (a)	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
SOUTH AUSTRALIA						
Managers and administrators	85.2	84.0	81.0	83.8	84.9	80.2
Professionals	78.3	74.2	76.0	72.6	74.7	79.7
Para-professionals	41.8	42.0	38.2	37.4	39.0	39.5
Tradespersons	102.8	111.4	109.8	107.6	104.9	101.7
Clerks	106.5	101.8	100.3	104.6	106.1	103.4
Salespersons and personal service workers	86.5	90.6	98.2	95.6	98.8	96.2
Plant and machine operators, and drivers	43.7	51.5	53.9	49.7	46.6	46.0
Labourers and related workers	104.1	99.9	98.1	104.9	109.4	111.1
Total	648.9	655.4	655.6	656.3	664.5	657.9
ADELAIDE STATISTICAL DIVISION						
Managers and administrators	43.7	44.6	41.3	46.6	43.7	38.8
Professionals	63.8	62.1	63.8	62.2	62.7	67.7
Para-professionals	34.2	34.9	30.4	28.7	29.3	29.8
Tradespersons	79.4	83.1	83.8	79.2	76.5	73.6
Clerks	85.6	82.5	81.2	84.1	87.0	84.5
Salespersons and personal service workers	66.3	68.3	74.2	75.8	76.6	73.5
Plant and machine operators, and drivers	30.2	37.1	37.6	33.1	32.3	33.6
Labourers and related workers	71.4	67.2	68.1	71.2	74.8	74.2
Total	474.6	479.7	480.5	480.9	482.8	475.8
NORTHERN ADELAIDE						
Managers and administrators	10.1	9.2	7.5	9.2	11.1	9.7
Professionals	10.5	9.1	10.2	9.5	9.7	10.7
Para-professionals	9.7	10.3	7.6	8.0	9.3	9.8
Tradespersons	27.1	28.8	30.8	27.7	26.7	25.4
Clerks	23.7	24.1	26.0	26.6	26.5	25.5
Salespersons and personal service workers	19.7	21.0	21.8	21.2	21.9	20.4
Plant and machine operators, and drivers	12.2	14.3	15.1	13.7	14.2	13.7
Labourers and related workers	22.2	24.2	26.0	27.1	28.3	30.1
Total	135.2	141.0	144.9	143.0	147.7	145.3
WESTERN ADELAIDE						
Managers and administrators	7.2	7.1	6.8	8.5	7.9	6.6
Professionals	9.0	8.1	8.4	8.9	10.0	9.9
Para-professionals	5.8	6.5	6.3	5.6	5.3	5.6
Tradespersons	18.7	18.3	18.3	17.9	16.2	15.6
Clerks	19.5	16.8	15.1	16.5	18.1	16.3
Salespersons and personal service workers	11.5	12.8	13.4	15.0	14.7	11.6
Plant and machine operators, and drivers	7.1	8.9	8.2	8.2	7.8	7.1
Labourers and related workers	18.5	15.0	14.7	13.6	16.4	15.5
Total	97.3	93.6	91.1	94.2	96.4	88.3
EASTERN ADELAIDE						
Managers and administrators	11.8	12.9	12.0	13.1	11.5	11.0
Professionals	22.1	24.1	26.7	25.4	23.8	25.6
Para-professionals	8.8	7.7	6.0	6.0	5.3	6.4
Tradespersons	12.4	13.0	13.4	11.0	9.1	9.6
Clerks	16.7	16.9	14.4	17.0	17.7	17.8
Salespersons and personal service workers	13.5	12.9	15.1	14.4	15.6	17.5
Plant and machine operators, and drivers	3.9	4.8	5.1	4.1	3.5	4.6
Labourers and related workers	11.0	8.4	9.0	10.4	9.1	8.3
Total	100.1	100.8	101.6	101.4	95.6	100.8

TABLE 15 — EMPLOYED PERSONS : OCCUPATION MAJOR GROUP (a), REGIONS OF SOUTH AUSTRALIA —continued
(’000)

Occupation major group (a)	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
SOUTHERN ADELAIDE						
Managers and administrators	14.6	15.4	15.0	15.8	13.2	11.5
Professionals	22.3	20.8	18.7	18.4	19.1	21.4
Para-professionals	9.9	10.5	10.6	9.1	9.4	8.0
Tradespersons	21.3	23.0	21.4	22.6	24.5	23.0
Clerks	25.7	24.7	25.8	24.0	24.7	24.9
Salespersons and personal service workers	21.6	21.5	23.9	25.2	24.4	24.0
Plant and machine operators, and drivers	7.0	9.0	9.1	7.0	6.7	8.2
Labourers and related workers	19.7	19.5	18.4	20.1	20.9	20.2
<i>Total</i>	<i>142.1</i>	<i>144.4</i>	<i>142.8</i>	<i>142.3</i>	<i>143.0</i>	<i>141.4</i>
BALANCE OF SOUTH AUSTRALIA						
Managers and administrators	41.5	39.4	39.7	37.2	41.3	41.4
Professionals	14.4	12.1	12.2	10.5	12.0	11.9
Para-professionals	7.6	7.1	7.8	8.7	9.7	9.7
Tradespersons	23.4	28.2	26.0	28.4	28.5	28.2
Clerks	20.8	19.2	19.1	20.5	19.1	18.9
Salespersons and personal service workers	20.2	22.4	24.0	19.7	22.2	22.7
Plant and machine operators, and drivers	13.5	14.4	16.4	16.7	14.3	12.4
Labourers and related workers	32.8	32.8	30.0	33.7	34.6	36.9
<i>Total</i>	<i>174.2</i>	<i>175.7</i>	<i>175.2</i>	<i>175.5</i>	<i>181.7</i>	<i>182.1</i>
NORTHERN AND WESTERN SOUTH AUSTRALIA (b)						
Managers and administrators	14.9	13.8	14.6	13.8	15.6	17.4
Professionals	5.6	4.5	3.8	3.3	3.9	4.5
Para-professionals	2.4	2.1	2.7	3.6	4.0	3.6
Tradespersons	9.2	11.6	10.4	10.5	9.0	9.8
Clerks	8.7	7.5	8.1	8.0	6.6	7.8
Salespersons and personal service workers	9.1	10.6	10.6	7.7	7.9	8.9
Plant and machine operators, and drivers	5.6	5.8	6.7	5.5	6.1	4.3
Labourers and related workers	12.1	10.0	9.5	13.0	13.8	12.4
<i>Total</i>	<i>67.6</i>	<i>65.8</i>	<i>66.5</i>	<i>65.4</i>	<i>66.8</i>	<i>68.7</i>
SOUTHERN AND EASTERN SOUTH AUSTRALIA (c)						
Managers and administrators	26.6	25.7	25.1	23.4	25.7	23.9
Professionals	8.8	7.6	8.4	7.1	8.1	7.4
Para-professionals	5.2	5.0	5.1	5.1	5.7	6.1
Tradespersons	14.2	16.6	15.6	18.0	19.4	18.4
Clerks	12.2	11.8	11.0	12.5	12.5	11.1
Salespersons and personal service workers	11.1	11.7	13.4	12.0	14.3	13.8
Plant and machine operators, and drivers	7.9	8.7	9.7	11.2	8.3	8.1
Labourers and related workers	20.7	22.8	20.5	20.7	20.8	24.5
<i>Total</i>	<i>106.6</i>	<i>109.9</i>	<i>108.7</i>	<i>110.0</i>	<i>114.9</i>	<i>113.4</i>

(a) Classified according to the Australian Standard Classification of Occupations (ASCO). (b) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions.
(c) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

TABLE 16 — EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA
(^{'000})

Industry	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
SOUTH AUSTRALIA						
Agriculture, forestry, fishing and hunting	51.1	47.1	44.1	45.1	51.6	49.3
Mining	4.8	5.3	4.3	5.7	5.6	5.4
Manufacturing	109.9	120.0	119.8	121.9	118.2	111.9
Electricity, gas and water	12.1	10.4	10.3	10.2	10.0	7.6
Construction	39.3	38.1	38.6	35.8	35.4	37.8
Wholesale and retail trade	128.0	134.8	133.9	136.0	139.6	135.5
Transport and storage	24.1	27.9	31.7	28.7	29.8	26.7
Communication	10.3	12.5	11.5	11.1	10.9	11.0
Finance, property and business services	62.0	62.8	63.1	62.2	59.2	62.9
Public administration and defence	26.4	23.5	23.1	22.8	25.2	27.5
Community Services (a)	138.3	132.7	131.2	132.0	132.9	134.8
Recreation, personal and other services	42.6	40.3	44.1	44.9	46.2	47.4
Total	648.9	655.4	655.6	656.3	664.5	657.9
ADELAIDE STATISTICAL DIVISION						
Agriculture, forestry, fishing and hunting	6.3	5.9	4.9	6.1	6.5	4.4
Mining	2.1	2.7	*2.0	2.6	2.8	2.9
Manufacturing	86.5	93.4	92.8	93.3	91.6	85.3
Electricity, gas and water	8.6	7.5	7.3	6.7	6.3	5.9
Construction	30.9	29.7	29.2	26.2	27.5	30.1
Wholesale and retail trade	98.6	101.3	101.4	105.7	107.4	103.1
Transport and storage	17.8	21.4	22.8	21.0	22.9	20.5
Communication	7.3	8.3	9.2	9.0	8.8	8.3
Finance, property and business services	53.0	56.3	56.0	53.3	50.1	53.7
Public administration and defence	21.1	17.7	17.5	17.6	18.4	20.5
Community Services (a)	108.3	104.4	103.6	104.3	105.6	105.1
Recreation, personal and other services	34.0	31.0	33.8	35.1	35.1	36.1
Total	474.6	479.7	480.5	480.9	482.8	475.8
NORTHERN ADELAIDE						
Agriculture, forestry, fishing and hunting	2.2	2.2	*1.6	2.0	2.4	2.3
Mining	*0.6	*0.5	*0.4	*0.7	*0.9	*0.7
Manufacturing	31.6	32.5	32.1	35.7	35.8	32.0
Electricity, gas and water	3.1	2.3	2.7	2.4	2.2	2.1
Construction	8.4	9.4	11.1	8.3	8.3	9.7
Wholesale and retail trade	30.6	34.8	33.6	32.4	33.8	32.6
Transport and storage	4.2	6.2	8.1	7.8	9.5	7.3
Communication	2.4	2.6	2.7	2.7	2.4	2.5
Finance, property and business services	13.6	14.1	14.5	13.3	12.5	14.2
Public administration and defence	5.8	5.3	5.7	5.0	4.0	4.9
Community Services (a)	24.2	24.3	24.1	23.0	26.5	27.5
Recreation, personal and other services	8.4	6.8	8.5	9.8	9.3	9.6
Total	135.2	141.0	144.9	143.0	147.7	145.3

TABLE 16 — EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA —continued
(^{'000})

Industry	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
WESTERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*0.4	*0.4	*0.4	*0.4	*0.8	*0.3
Mining	*0.0	*0.3	*0.1	*0.2	*0.2	*0.3
Manufacturing	20.3	21.0	21.8	19.6	19.1	16.2
Electricity, gas and water	2.0	*1.6	*1.6	*1.5	*1.7	*1.3
Construction	5.7	6.4	6.7	6.1	6.2	5.6
Wholesale and retail trade	22.9	20.0	19.1	20.3	22.6	20.7
Transport and storage	5.3	6.1	5.9	4.9	4.8	4.3
Communication	*1.6	*1.6	*1.6	*1.5	2.0	1.9
Finance, property and business services	8.7	7.5	7.0	9.5	8.7	7.2
Public administration and defence	3.8	3.1	2.8	3.0	3.2	4.5
Community Services (a)	19.3	18.0	18.1	19.4	20.0	18.1
Recreation, personal and other services	7.3	7.4	6.1	7.7	7.0	7.9
<i>Total</i>	<i>97.3</i>	<i>93.6</i>	<i>91.1</i>	<i>94.2</i>	<i>96.4</i>	<i>88.3</i>
EASTERN ADELAIDE						
Agriculture, forestry, fishing and hunting	*1.3	*1.3	*0.7	*1.1	*1.2	*0.5
Mining	*0.9	*0.8	*0.4	*0.8	*0.7	*0.9
Manufacturing	9.8	10.2	10.5	9.5	7.6	9.0
Electricity, gas and water	*1.3	*1.2	*1.0	*1.0	*1.2	*0.9
Construction	6.5	5.0	4.6	4.0	4.7	5.3
Wholesale and retail trade	17.1	18.6	19.8	21.3	17.5	18.7
Transport and storage	3.4	3.9	3.3	3.6	4.4	3.9
Communication	*0.8	2.1	2.9	2.1	*1.5	*1.0
Finance, property and business services	13.4	16.8	17.1	16.9	15.6	17.4
Public administration and defence	5.5	4.1	3.9	4.0	5.4	5.1
Community Services (a)	30.8	29.2	27.8	29.1	26.8	28.0
Recreation, personal and other services	9.2	7.5	9.8	8.1	9.0	10.0
<i>Total</i>	<i>100.1</i>	<i>100.8</i>	<i>101.6</i>	<i>101.4</i>	<i>95.6</i>	<i>100.8</i>
SOUTHERN ADELAIDE						
Agriculture, forestry, fishing and hunting	2.4	2.1	2.2	2.6	2.1	*1.3
Mining	*0.6	*1.1	*1.2	*0.9	*0.9	*1.0
Manufacturing	24.8	29.7	28.5	28.6	29.1	28.0
Electricity, gas and water	2.2	2.4	2.0	1.8	*1.3	*1.5
Construction	10.3	8.8	6.8	7.8	8.2	9.5
Wholesale and retail trade	27.9	27.9	28.9	31.7	33.4	31.1
Transport and storage	4.9	5.1	5.6	4.7	4.2	5.0
Communication	2.5	2.0	2.1	2.7	2.8	3.0
Finance, property and business services	17.3	17.8	17.4	13.6	13.2	14.9
Public administration and defence	6.0	5.2	5.1	5.6	5.7	6.0
Community Services (a)	33.9	33.0	33.6	32.8	32.3	31.4
Recreation, personal and other services	9.2	9.3	9.5	9.5	9.9	8.7
<i>Total</i>	<i>142.1</i>	<i>144.4</i>	<i>142.8</i>	<i>142.3</i>	<i>143.0</i>	<i>141.4</i>

TABLE 16 — EMPLOYED PERSONS : INDUSTRY, REGIONS OF SOUTH AUSTRALIA —continued
(‘000)

Industry	1989			1990		
	May	Aug.	Nov.	Feb.	May	Aug.
BALANCE OF SOUTH AUSTRALIA						
Agriculture, forestry, fishing and hunting	44.8	41.1	39.2	39.0	45.2	44.9
Mining	2.6	2.6	2.3	3.0	2.8	2.6
Manufacturing	23.4	26.6	27.0	28.5	26.7	26.7
Electricity, gas and water	3.4	2.9	3.0	3.5	3.7	*1.7
Construction	8.3	8.4	9.4	9.6	7.9	7.7
Wholesale and retail trade	29.4	33.5	32.5	30.3	32.2	32.4
Transport and storage	6.3	6.6	8.9	7.7	6.9	6.3
Communication	3.1	4.2	2.3	2.1	2.1	2.7
Finance, property and business services	9.0	6.5	7.2	8.9	9.1	9.2
Public administration and defence	5.3	5.8	5.6	5.2	6.8	7.0
Community Services (a)	30.0	28.2	27.6	27.6	27.3	29.8
Recreation, personal and other services	8.5	9.3	10.3	9.8	11.1	11.3
<i>Total</i>	<i>174.2</i>	<i>175.7</i>	<i>175.2</i>	<i>175.5</i>	<i>181.7</i>	<i>182.1</i>
NORTHERN AND WESTERN SOUTH AUSTRALIA (b)						
Agriculture, forestry, fishing and hunting	15.5	11.7	11.7	13.0	14.4	14.9
Mining	2.3	*1.6	*1.6	2.1	2.0	*1.7
Manufacturing	9.3	10.3	10.0	10.5	10.0	10.0
Electricity, gas and water	*1.8	*1.8	2.2	2.3	*1.6	*0.9
Construction	2.5	2.8	4.0	3.5	2.0	2.3
Wholesale and retail trade	10.9	13.9	13.3	10.6	10.5	9.9
Transport and storage	2.7	3.0	4.1	3.2	3.0	2.9
Communication	*1.9	2.4	*1.2	*1.2	*1.0	*1.7
Finance, property and business services	4.1	2.6	2.5	2.7	2.9	2.5
Public administration and defence	*1.3	2.3	2.7	2.1	3.0	2.9
Community Services (a)	11.6	9.8	9.8	10.1	11.3	13.2
Recreation, personal and other services	3.7	3.5	3.5	4.1	5.0	5.7
<i>Total</i>	<i>67.6</i>	<i>65.8</i>	<i>66.5</i>	<i>65.4</i>	<i>66.8</i>	<i>68.7</i>
SOUTHERN AND EASTERN SOUTH AUSTRALIA (c)						
Agriculture, forestry, fishing and hunting	29.3	29.5	27.5	26.0	30.7	30.0
Mining	*0.4	*1.0	*0.6	*1.0	*0.7	*0.8
Manufacturing	14.1	16.3	17.0	18.0	16.7	16.6
Electricity, gas and water	*1.7	*1.0	*0.8	*1.2	2.1	*0.8
Construction	5.9	5.6	5.4	6.2	5.9	5.4
Wholesale and retail trade	18.5	19.6	19.1	19.7	21.7	22.5
Transport and storage	3.6	3.5	4.8	4.5	3.9	3.4
Communication	*1.1	1.8	*1.2	*0.9	*1.1	*0.9
Finance, property and business services	4.9	3.9	4.7	6.2	6.2	6.7
Public administration and defence	4.0	3.5	2.9	3.1	3.8	4.1
Community Services (a)	18.5	18.4	17.8	17.5	16.0	16.5
Recreation, personal and other services	4.8	5.8	6.8	5.7	6.0	5.5
<i>Total</i>	<i>106.6</i>	<i>109.9</i>	<i>108.7</i>	<i>110.0</i>	<i>114.9</i>	<i>113.4</i>

(a) Comprises health; education, libraries etc.; welfare and religious institutions; other community services. (b) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions. (c) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

APPENDIX A

GLOSSARY

Actively looking for work: Includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

Aggregate hours worked: The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

Average hours worked: Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment: For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Duration of unemployment: The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus, the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for two weeks or more to the end of the reference week.

Employed: Persons aged 15 years and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (*i.e.* unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

Employment status: Persons in the labour force classified according to whether they are employed or unemployed.

Full-time workers: Employed persons who usually work 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Industry: Classified according to the *Australian Standard Industrial Classification (ASIC) 1983 (1201.0 and 1202.0)*.

Labour force: For any group, persons who were employed or unemployed, as defined.

Labour force status: A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Marital status: Persons are classified as married (husband and wife) if they are reported as being married (including *de facto*) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

Median duration of unemployment: The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median, and the other, persons whose duration is below it.

Not in the labour force: Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation: Classified according to the *Australian Standard Classification of Occupations (ASCO) 1986 (1222.0)*.

Participation rate: For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions.

Part-time workers: Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series: A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraphs 27 to 30 of Appendix B for more detail.

Status of worker: Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trend series: A smoothed seasonally adjusted series of estimates. See paragraphs 31 to 33 of Appendix B for more detail.

Unemployed: Persons aged 15 years and over who were not employed during the reference week, and:

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:
 - (i) were available for work in the reference week, or would have been available except for temporary illness (*i.e.* lasting for less than four weeks to the end of the reference week); or
 - (ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or

- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

Unemployed looking for full-time work: Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work: Unemployed persons who had actively looked for part-time work only, or were to resume a part-time job, from which they had been stood down.

Unemployment rate: For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

CAREER PATHS OF TRADESPERSONS, AUSTRALIA, 1989

This recently released publication provides current information from a household based survey on persons with trade qualifications recognised in Australia.

The publication features information on:

- the number of qualified tradespersons and their socio-demographic characteristics such as age, gender and educational attainment;
- when, and in what field, the trade qualification was obtained;
- employment status, including industry and occupation details; and
- occupational mobility.

The publication also includes a full list of the extensive range of data items collected in the Survey.

Career Paths of Persons with Trade Qualifications, Australia, 1989
(6243.0), \$12.50

Contact an ABS Bookshop in your State.

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APPENDIX B

EXPLANATORY NOTES

Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey, including estimates for regions of South Australia.

2. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

3. Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of publications on labour force and related topics is given in *The Labour Force, Australia* (6203.0).

The Population Survey

4. The population survey is based on a multi-stage area sample of private dwellings (about 5,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about nine-tenths of one per cent of the population of South Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview week (i.e. the reference week).

Scope

5. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Coverage

6. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of

selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.

7. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force

characteristics are similar to those of the persons responding in the survey.

Regions of South Australia

8. A number of minor changes to regional boundaries and names were introduced with the implementation of a new sample between September and December 1987 (see paragraph 21 below). These changes have not materially affected the continuity of regional data. The regions used in this publication are standard ABS Statistical Regions (see maps) and do not necessarily correspond with regions adopted by other government authorities.

Population Benchmarks

9. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for underenumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

10. Regular estimates of the population at the regional level are not available, and so benchmarks for the Adelaide Statistical Division and the Balance of South Australia have been used to produce regional estimates. For this reason, estimates of the civilian population aged 15 years and over are not made available at the regional level.

Revision of Series

11. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of results of the 1986 Census of Population and Housing, which affected all the monthly estimates from January 1984 to January 1989. For details, see *Information Paper: Revised Labour Force Survey Estimates: January 1984 to January 1989* (6276.0).

12. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates see *Population Estimates: An Outline of the New Conceptual Basis of ABS Population Estimates* (3216.0). To co-ordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. Estimates in this publication for October 1982 onwards are based entirely on place of usual residence. For periods before October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

13. Until February 1978, surveys were conducted in February, May, August and November each year from

1964. From February 1978 the survey has been conducted on a monthly basis.

14. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) issued in March 1978, December 1981, August 1984 and June 1986.

15. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay for between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

16. Previously, such persons who worked 1 to 14 hours or who had such a job but were not at work were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work.

Comparability of Series

17. As noted in paragraph 11, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

18. In conjunction with the previous revision of estimates back to February 1978, to conform to revised population estimates, a revision to take account of the current definition of marital status was also applied. Consequently, estimates of marital status contained in this issue are not comparable with estimates published before the February 1984 issue, which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. Firstly, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Secondly, from June 1983 onwards, the not married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

19. Before October 1982, respondents who stated they were living in a *de facto* arrangement were asked how they would describe their marital status on a population census schedule and the answer was recorded. From October 1982 these respondents were coded as married. This may have resulted in some discontinuity between September and October 1982 in series classified according to marital status.

20. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Survey Sample Redesign

21. The labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September to December 1987. For details, see *Information Paper: Labour Force Survey - Sample Design* (6269.0).

Reliability of the Estimates

22. Estimates in this publication are subject to two sources of error:

- (a) *sampling error*: since the estimates are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. As noted in paragraph 10 above, the use of benchmarks in the compilation of regional estimates has not been possible. For this reason users should note that regional estimates may be more volatile than corresponding State estimates and therefore they should not be regarded as reliable indicators of short-term (monthly) movements. More information on sampling error is given in the Technical Notes in Appendix C; and
- (b) *non-sampling error*: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Differences Between Population Census and Population Survey Estimates

23. The results of the 1986 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

24. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include: underenumeration in the population census for which census labour force estimates have not been adjusted; the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 9); the inclusion of permanent defence forces in census estimates; the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules; differing questions used to determine labour force characteristics (particularly the identification of unemployed persons); and differing methods of adjustment for non-response to the survey or census.

25. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and Statistical Regions, whereas the

census of population and housing provides counts for small areas but in less detail than is available from the survey.

26. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

Seasonal Adjustment

27. Seasonally adjusted series are published in Table 2. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

28. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1990, revised seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment, and revised seasonally adjusted and trend estimates for all months back to February 1978, are published in Appendix D to the February 1990 issue of this publication.

29. It is possible that the seasonality of employment, unemployment and labour force participation has been affected by changes introduced during 1987 to the pattern of school holidays.

30. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

Trend Estimation

31. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Table 2 shows trend estimates for the past 15 months, while Appendix D to the February 1990 issue shows estimates back to February 1978. Trend series graphs are shown on page 5.

32. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and, after 3 months, have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned in paragraph 28.

33. Users may wish to refer to the ABS Information Papers: *A Guide to Smoothing Time Series - Estimate of 'Trend'* (1316.0), and *Time Series Decomposition - An Overview* (1317.0), for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

Month-to-month Movements

34. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling

variability as explained in paragraph 22. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays. Trend estimates are expected to be relatively unaffected by these changes.

Semi-logarithmic Graphs

35. A number of the graphs on page 5 have been drawn using logarithmic vertical scales to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scales (over equal time periods) indicate equal rates of growth for those graphs.

Related Publications

36. Users may also wish to refer to the following publications which are available on request:

- The Labour Force, Australia, Preliminary* (6202.0) - issued monthly
- The Labour Force, Australia* (6203.0) - issued monthly
- The Labour Force, Australia: Historical Summary, 1966 to 1984* (6204.0)
- Job Vacancies, Australia* (6231.0) - issued quarterly
- Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) - issued June 1986
- Employed Wage and Salary Earners, Australia* (6248.0) - issued quarterly
- Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) - issued July 1985
- Information Paper: Labour Force Survey - Sample Design* (6269.0) - issued August 1987
- Information Paper: Labour Force Survey - Measuring Teenage Unemployment* (6270.0) - issued October 1987.
- Information Paper: Revised Labour Force Survey Estimates: January 1984 to January 1989* (6276.0) - issued July 1989.

37. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0).

The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished Statistics

38. The ABS can also make available unpublished labour force survey data. Where it is not possible to do so briefly over the telephone, a charge will be levied depending on the amount of data requested and the medium on which they are provided. Inquiries should be made to the officer whose name appears in the Phone Inquiries section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

Symbols and Other Usages

- n.e.c. not elsewhere classified
- break in continuity of series (where a line is drawn across a column between two consecutive figures in the same column)
- * subject to sampling variability too high for most reasonable uses. See paragraph 6 of Appendix C.

39. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

APPENDIX C

TECHNICAL NOTES

1. The labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper - Labour Force Survey - Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

Estimation Procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. For an explanation of non-sampling error see paragraph 13. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates derived from the survey, and of monthly, quarterly and annual movements for South Australia, and for each region of South Australia, can be determined by using the table on pages 40 and 41.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

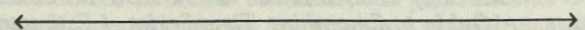
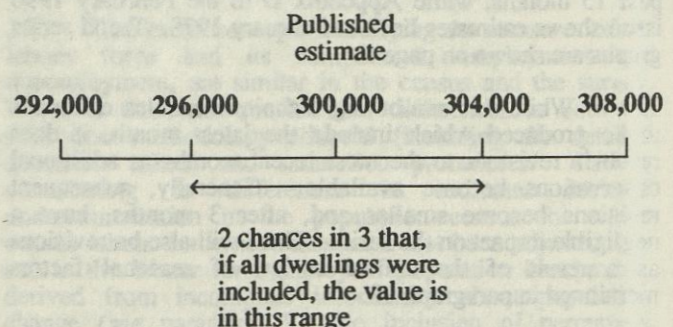
6. As the standard errors in the following table show, the smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative

standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *1.5) to indicate they are subject to high standard errors and should be used with caution. See paragraph 9 concerning the derivation of relative standard errors for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is also given in the following table. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in the table. Standard errors of *quarterly* movements can be obtained by multiplying the figures in column 1 of the following table by 1.22. Standard errors of all *annual* movements can be obtained by multiplying the figures in column 1 of the following table by 1.3. When using the table to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

8. Examples of the calculation and use of standard errors are given below:

- (a) From column 1 of the following table it will be seen that an estimate of 300,000 employed persons in South Australia has a standard error of about 4,000. Therefore, there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 296,000 to 304,000 and about nineteen chances in twenty that it would have been within the range 292,000 to 308,000.

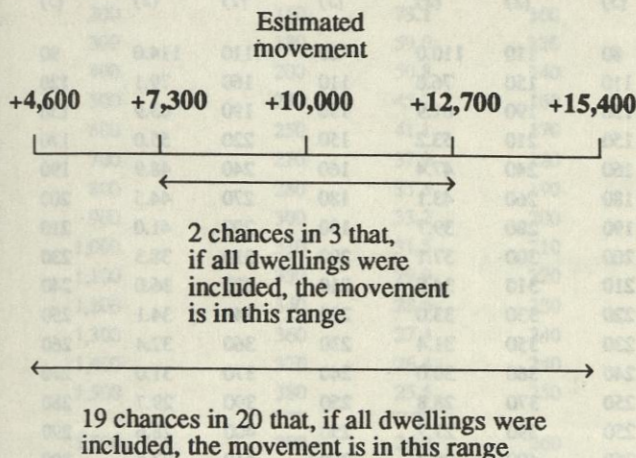


19 chances in 20 that, if all dwellings were included, the value is in this range

- (b) Suppose that there is an increase of 10,000 in the number of employed persons from one month to the next.

Column 3 in the following table relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two

estimates from which the movement is derived was 300,000, from column 3 it will be seen that the standard error of the monthly movement is about 2,700. Therefore, there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +7,300 to +12,700 and about nineteen chances in twenty that it would have been within the range +4,600 to 15,400.



9. The relative standard errors of estimates of *average hours worked*, *average duration of unemployment* and *median duration of unemployment* are obtained by first finding the relative standard error of the estimates of the total number of persons contributing to the estimate (see column 2 in the following table) and then multiplying the figure so obtained by the following relevant factors:

Average hours worked: 0.7
Average duration of employment: 1.3
Median duration of unemployment: 2.0

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed females is 16 weeks and the number unemployed is estimated as 20,000, from column 2 of the following table it can be estimated that this figure (20,000) has a relative standard error of about 7.0 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this

figure (7.0) by the appropriate factor shown in the previous paragraph (in this case 2.0): $7.0 \times 2.0 = 14.0$ per cent. The *standard error* of this estimate of median duration of unemployment is therefore 14.0 per cent of 16, i.e. about 2. Therefore there are about two chances in three that the median duration of unemployment for unemployed females that would have been obtained if all dwellings had been included in the survey would have been within the range 14 to 18 weeks, and about nineteen chances in twenty that it would have been within the range 12 to 20 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in the following table are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors for South Australia applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in the following table, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the table. Standard errors of estimates of persons born in Australia are approximately the same as those shown in the table. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

**STANDARD ERRORS OF ESTIMATES OF LEVELS FROM DECEMBER 1987 AND OF MONTHLY MOVEMENTS^(a)
DECEMBER 1987 - JANUARY 1988 ONWARDS^(b), STATISTICAL REGIONS OF SOUTH AUSTRALIA**

Size of estimate	South Australia; Adelaide Statistical Division; and Balance of South Australia			Northern Adelaide			Western Adelaide			Eastern Adelaide		
	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM
No.	No.	%	No.	No.	%	No.	No.	%	No.	No.	%	No.
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
100	110	114.0	150	110	108.0	80	110	110.0	80	110	114.0	90
200	160	81.7	190	150	75.2	110	150	76.6	110	160	79.1	120
300	200	67.1	220	180	60.8	130	190	61.9	130	190	63.9	150
400	230	58.2	240	210	52.2	150	210	53.2	150	220	55.0	170
500	260	52.0	270	230	46.5	160	240	47.4	160	240	48.9	190
600	280	47.4	280	250	42.3	180	260	43.1	180	270	44.5	200
700	310	43.9	300	270	39.0	190	280	39.7	190	290	41.0	210
800	330	41.0	310	290	36.4	200	300	37.1	200	310	38.3	230
900	350	38.5	330	310	34.2	210	310	34.8	210	320	36.0	240
1,000	370	36.5	340	320	32.4	220	330	33.0	220	340	34.1	250
1,100	380	34.7	350	340	30.8	230	350	31.4	230	360	32.4	260
1,200	400	33.2	360	350	29.4	240	360	30.0	240	370	31.0	270
1,300	410	31.8	380	370	28.2	250	370	28.8	250	390	29.7	280
1,400	430	30.6	390	380	27.2	250	390	27.7	250	400	28.6	290
1,500	440	29.5	390	390	26.2	260	400	26.7	260	410	27.6	300
1,600	460	28.5	400	410	25.4	270	410	25.8	270	430	26.7	310
1,700	470	27.6	410	420	24.6	280	430	25.0	280	440	25.8	320
1,800	480	26.8	420	430	23.8	280	440	24.3	280	450	25.1	320
1,900	490	26.0	430	440	23.2	290	450	23.6	290	460	24.4	330
2,000	510	25.3	440	450	22.6	300	460	23.0	300	480	23.8	340
2,100	520	24.7	450	460	22.0	300	470	22.4	300	490	23.2	350
2,200	530	24.1	450	470	21.5	310	480	21.9	310	500	22.6	350
2,300	540	23.5	460	480	21.0	310	490	21.4	320	510	22.1	360
2,400	550	23.0	470	490	20.5	320	500	20.9	320	520	21.6	370
2,500	560	22.5	480	500	20.1	330	510	20.5	330	530	21.2	370
3,000	610	20.4	510	550	18.3	350	560	18.6	350	580	19.3	400
3,500	660	18.7	540	590	16.9	380	600	17.2	380	620	17.8	430
4,000	700	17.4	560	630	15.8	400	640	16.1	400	660	16.6	460
4,500	730	16.3	590	670	14.8	420	680	15.1	420	700	15.6	480
5,000	770	15.4	610	700	14.1	440	720	14.3	440	740	14.8	500
6,000	830	13.9	650	770	12.8	480	780	13.0	480	810	13.5	550
8,000	950	11.8	720	880	11.0	540	900	11.2	540	930	11.6	620
10,000	1,050	10.4	780	980	9.8	600	1,000	10.0	600	1,050	10.3	680
20,000	1,400	7.0	1,000	1,400	6.9	800	1,400	7.0	810	1,450	7.2	920
30,000	1,650	5.5	1,150	1,700	5.6	960	1,700	5.7	960	1,750	5.9	1,100
40,000	1,850	4.6	1,300	1,950	4.8	1,100	1,950	4.9	1,100	2,050	5.1	1,250
50,000	2,050	4.1	1,400	2,150	4.3	1,200	2,200	4.4	1,200	2,250	4.5	1,350
100,000	2,650	2.6	1,800	3,050	3.0	1,600	3,100	3.1	1,650	3,200	3.2	1,850
200,000	3,450	1.7	2,300	4,250	2.1	2,200	4,350	2.2	2,200	4,500	2.2	2,500
300,000	3,950	1.3	2,700	5,200	1.7	2,600	5,300	1.8	2,600	5,500	1.8	3,000
400,000	4,400	1.1	2,950	6,000	1.5	2,950	6,100	1.5	2,950	6,300	1.6	3,400
500,000	4,750	0.9	3,200	6,700	1.3	3,250	6,900	1.4	3,300	7,100	1.4	3,750
1,000,000	6,000	0.6	4,150	9,500	1.0	4,400	9,700	1.0	4,450	10,000	1.0	5,000

STANDARD ERRORS OF ESTIMATES OF LEVELS FROM DECEMBER 1987 AND OF MONTHLY MOVEMENTS^(a)
 DECEMBER 1987 - JANUARY 1988 ONWARDS^(b), STATISTICAL REGIONS OF SOUTH AUSTRALIA (continued)

Size of estimate	Southern Adelaide			Northern and Western SA (c)			Southern and Eastern SA (d)		
	SE	RSE	SEM	SE	RSE	SEM	SE	RSE	SEM
No.	No.	%	No.	No.	%	No.	No.	%	No.
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
100	110	105.0	80	120	119.0	90	110	108.0	90
200	150	73.1	100	170	82.8	120	150	75.0	120
300	180	59.0	120	200	66.9	140	180	60.6	150
400	200	50.8	140	230	57.6	160	210	52.1	160
500	230	45.2	160	260	51.2	170	230	46.4	180
600	250	41.1	170	280	46.6	190	250	42.2	200
700	270	37.9	180	300	43.0	200	270	38.9	210
800	280	35.3	190	320	40.1	210	290	36.3	220
900	300	33.2	200	340	37.7	220	310	34.1	230
1,000	310	31.5	210	360	35.7	230	320	32.3	250
1,100	330	29.9	220	370	33.9	240	340	30.7	260
1,200	340	28.6	230	390	32.4	250	350	29.4	270
1,300	360	27.4	240	400	31.1	260	370	28.2	270
1,400	370	26.4	240	420	29.9	270	380	27.1	280
1,500	380	25.5	250	430	28.9	280	390	26.2	290
1,600	390	24.6	260	450	27.9	290	400	25.3	300
1,700	410	23.9	270	460	27.1	290	420	24.5	310
1,800	420	23.2	270	470	26.3	300	430	23.8	320
1,900	430	22.5	280	490	25.5	310	440	23.1	320
2,000	440	21.9	280	500	24.9	310	450	22.5	330
2,100	450	21.4	290	510	24.3	320	460	22.0	340
2,200	460	20.9	300	520	23.7	330	470	21.4	350
2,300	470	20.4	300	530	23.1	330	480	21.0	350
2,400	480	20.0	310	540	22.6	340	490	20.5	360
2,500	490	19.5	310	550	22.2	350	500	20.1	370
3,000	530	17.8	340	600	20.2	380	550	18.3	400
3,500	570	16.4	360	650	18.6	400	590	16.9	420
4,000	610	15.3	380	690	17.4	430	630	15.7	450
4,500	650	14.4	410	740	16.3	450	670	14.8	470
5,000	680	13.7	420	770	15.5	470	700	14.0	490
6,000	750	12.4	460	850	14.1	510	770	12.8	530
8,000	860	10.7	520	970	12.1	580	880	11.0	610
10,000	960	9.6	570	1,100	10.8	630	980	9.8	670
20,000	1,350	6.7	770	1,500	7.6	860	1,350	6.9	900
30,000	1,650	5.4	920	1,850	6.2	1,000	1,700	5.6	1,100
40,000	1,900	4.7	1,050	2,150	5.3	1,150	1,950	4.8	1,200
50,000	2,100	4.2	1,150	2,400	4.8	1,300	2,150	4.3	1,350
100,000	2,950	2.9	1,550	3,350	3.3	1,700	3,050	3.0	1,800
200,000	4,150	2.1	2,100	4,700	2.4	2,350	4,250	2.1	2,450
300,000	5,100	1.7	2,500	5,800	1.9	2,800	5,200	1.7	2,950
400,000	5,900	1.5	2,850	6,600	1.7	3,150	6,000	1.5	3,300
500,000	6,500	1.3	3,150	7,400	1.5	3,450	6,700	1.3	3,650
1,000,000	9,200	0.9	4,250	10,500	1.0	4,700	9,500	0.9	4,950

(a) See Technical Notes paragraph 7 for details on calculating standard errors for quarterly and annual movements.

(b) For standard errors, etc. for earlier periods, see previous issues of this publication.

(c) Comprises Yorke and Lower North, Northern and Eyre Statistical Divisions.

(d) Comprises Outer Adelaide, Murray Lands and South East Statistical Divisions.

SE standard error RSE relative standard error SEM standard error of monthly movements

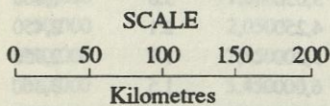
— Indicates the point at which the relative standard error (RSE) of level estimates for the given region becomes greater than 25 per cent. Note that for estimates of average hours worked, and average median durations of unemployment, adjustment factors must be applied before the 25 per cent relative standard error level can be derived (see paragraph 9 of the Technical Notes for further details).

BALANCE OF SOUTH AUSTRALIA

NORTHERN AND WESTERN SA

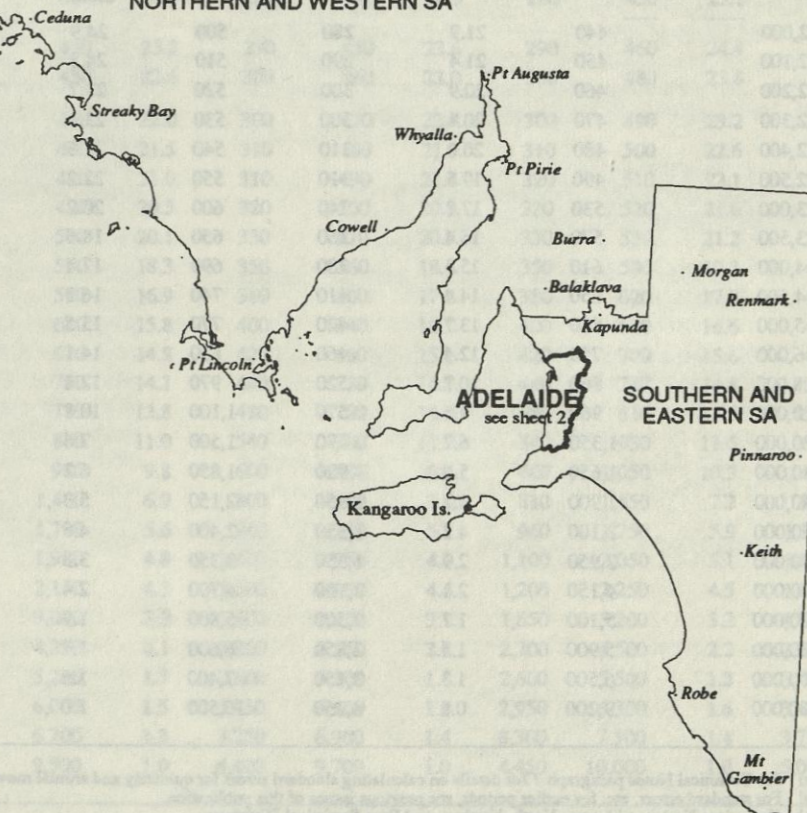
SOUTHERN AND EASTERN SA

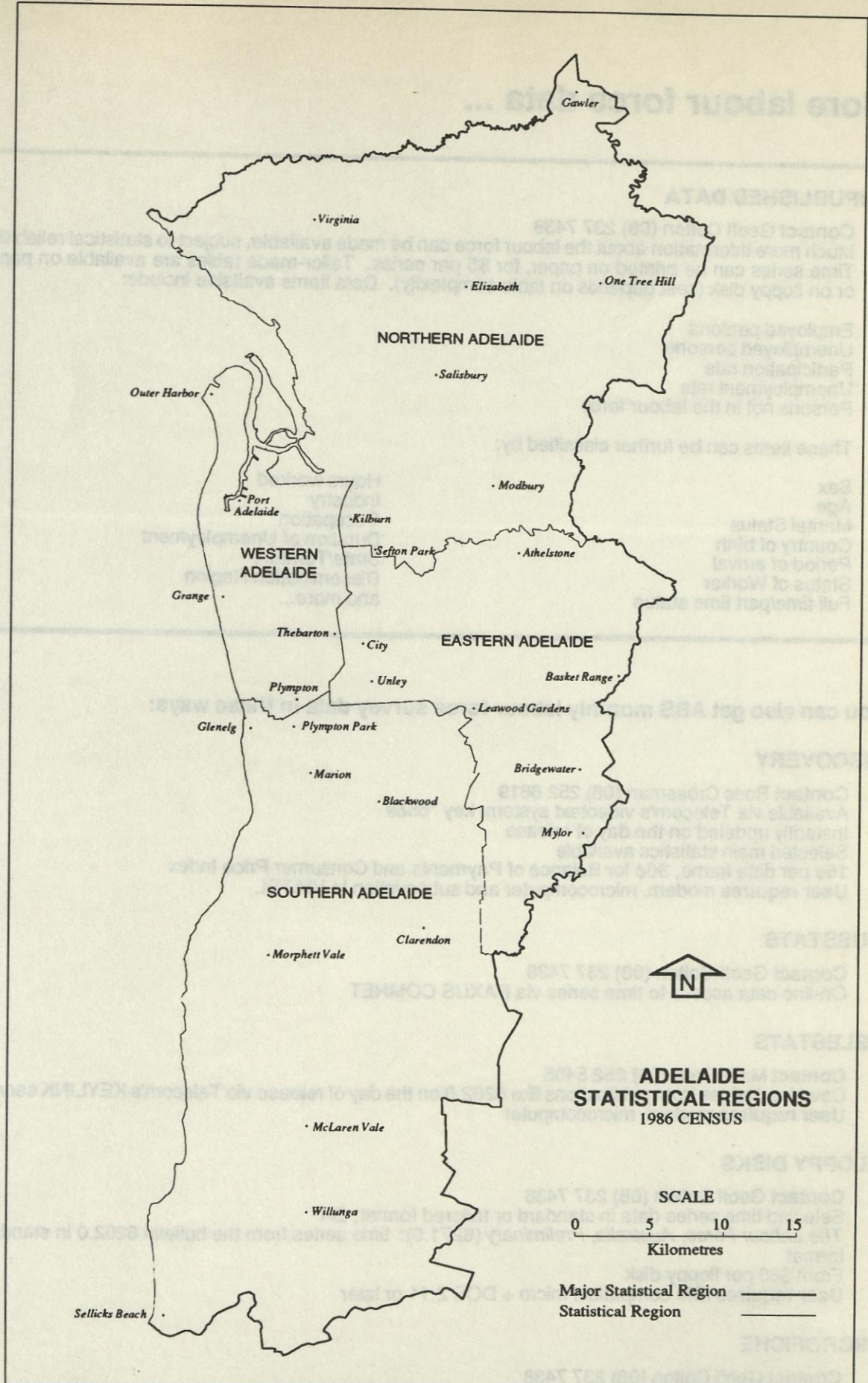
SOUTH AUSTRALIA STATISTICAL REGIONS 1986 CENSUS



Major Statistical Region

Statistical Region





More labour force data ...

UNPUBLISHED DATA

■ **Contact** Geoff Colton (08) 237 7438

Much more information about the labour force can be made available, subject to statistical reliability. Time series can be printed on paper, for \$5 per series. Tailor-made tables are available on paper or on floppy disk (cost depends on table complexity). Data items available include:

Employed persons
Unemployed persons
Participation rate
Unemployment rate
Persons not in the labour force

These items can be further classified by:

Sex
Age
Marital Status
Country of birth
Period of arrival
Status of Worker
Full time/part time status

Hours worked
Industry
Occupation
Duration of Unemployment
State/Territory
Dissemination Region
and more...

You can also get ABS monthly labour force survey data in these ways:

DISCOVERY

■ **Contact** Ross Crossman (06) 252 6619

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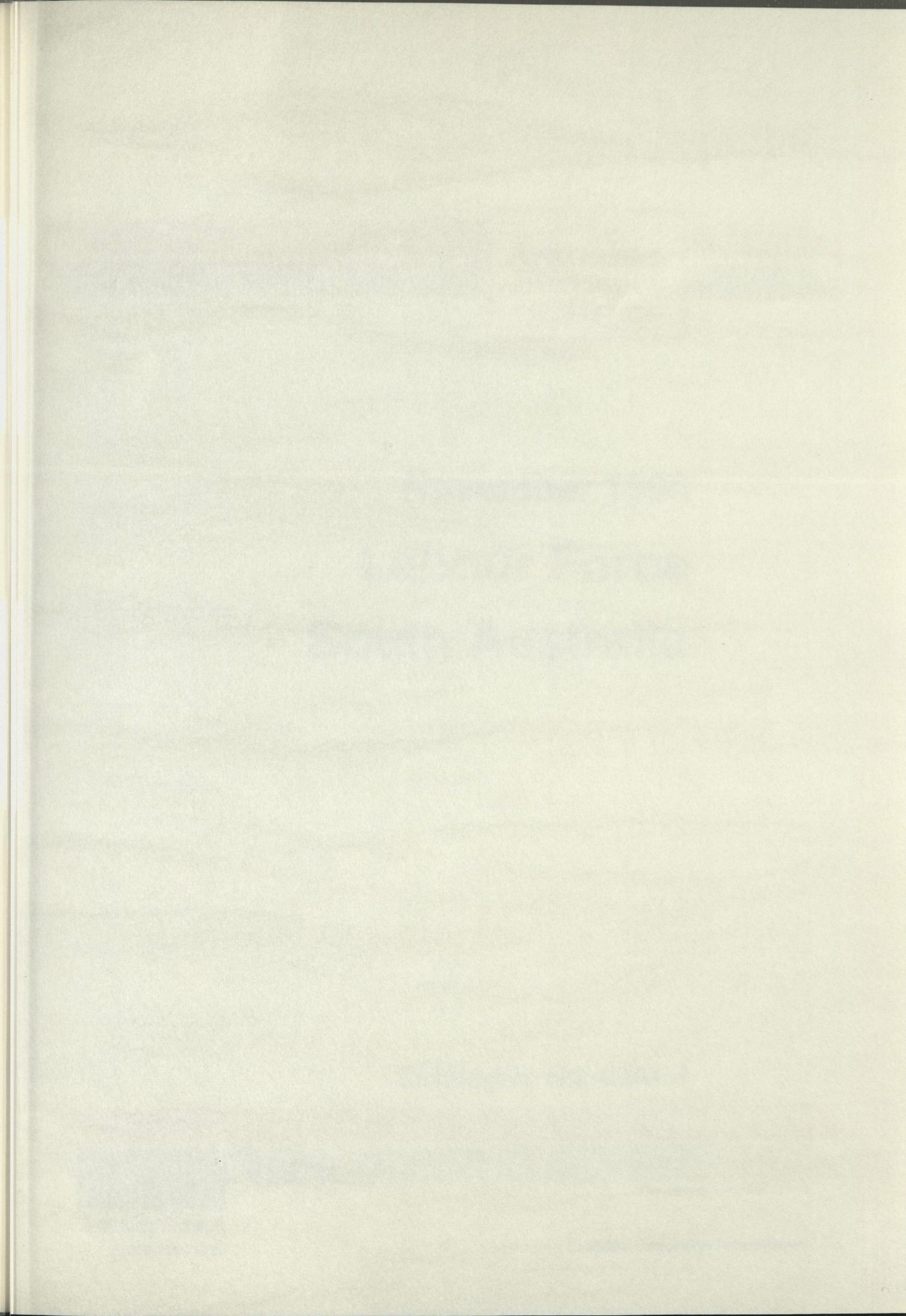
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